

Trabalhando com imagens

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Imagens

- Objetivos
 - Aprender a inserir imagens numa página html.
 - Alterar e definir as características dessa imagens.

Formato das imagens

JPG	GIF	PNG
bom para representar fotografias	bom para imagens com poucas cores, ex.: logotipos, ícones	proposta de substituir o GIF, pois não possui algoritmos patenteados.
permite ajustar a qualidade da imagem, com perda de informação	pode compactar, mas não perde informação	possui alta compressão
não suporta transparência	tem suporte a transparência	suporta transparência (canal alfa)

Exemplos

JPG

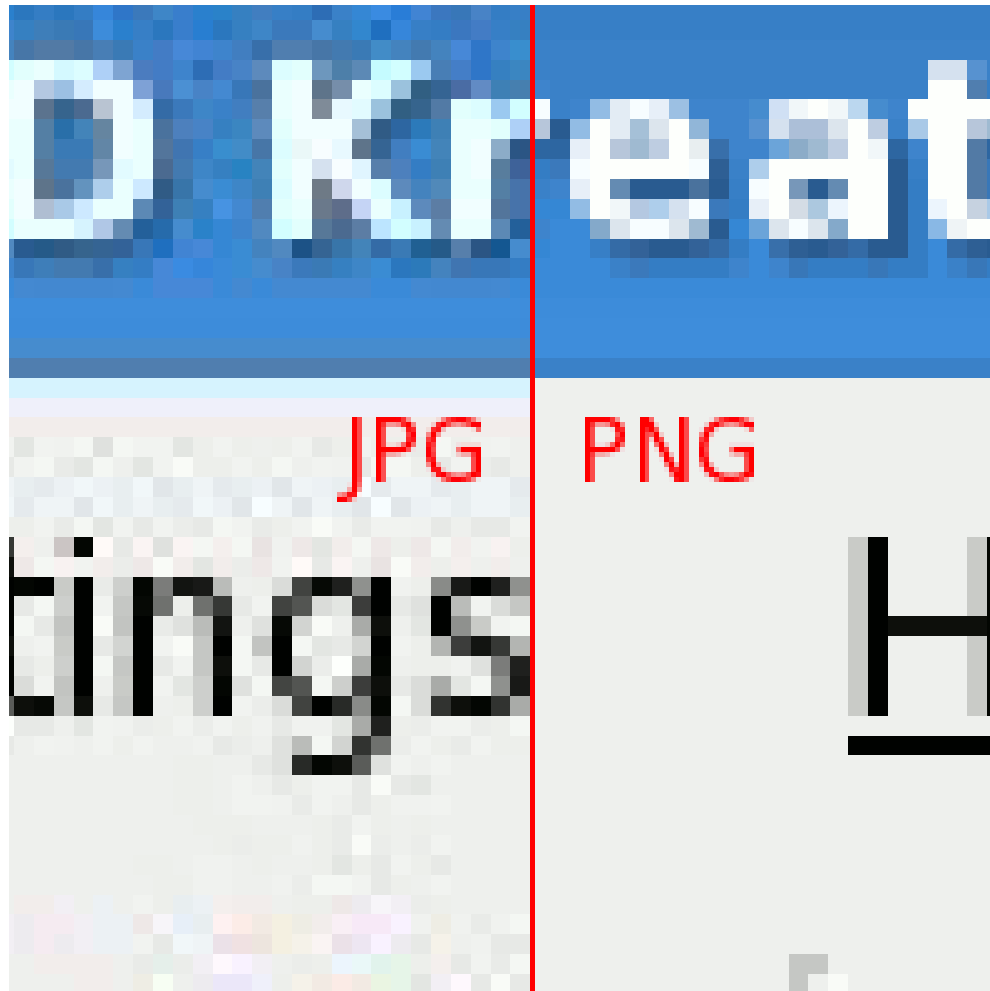


GIF



Banif

Exemplo



Atributos da imagem

- A tag `` possui os seguintes atributos:

Atributo	Ação
src	Define o local onde a imagem está armazenada (pode ser uma URL ou um arquivo local)
alt	Define um texto que diz algo sobre a imagem
title	Define um texto que aparece quando o mouse passa sobre a imagem.
width	Especifica a largura da imagem
height	Especifica a altura da imagem
border	Define a borda da imagem (moldura)

Atributos da imagem

- Mais alguns atributos:

Atributo	Ação
vspace	Define o espaço acima e abaixo da imagem
hspace	Define o espaço a direita e a esquerda da imagem
align	Especifica o alinhamento da imagem. No alinhamento horizontal temos: <u>left</u> , <u>center</u> e <u>right</u> (esquerda, centralizado e direita) No alinhamento vertical: <u>top</u> , <u>middle</u> , <u>baseline</u> e <u>bottom</u>

Alinhamento

Alinhamento a direita

A beach is a landform along the shoreline of an ocean, sea, lake or river. It usually consists of loose particles which are often composed of rock, such as sand, gravel, shingle, pebbles or cobblestones. The particles comprising the beach are occasionally biological in origin, such as mollusc shells or coralline algae. Wild beaches are beaches which do not have lifeguards or trappings of modernity nearby, such as resorts and hotels. They are sometimes called undeclared, undeveloped or undiscovered beaches. Wild beaches can be valued for their untouched beauty and preserved nature. They are most commonly found in less developed areas including, for example, parts of Puerto Rico, Thailand, the Philippines, and Indonesia. Bangladesh is the home of the world's longest natural sandy sea beach located at Cox's Bazar. A beach is a landform along the shoreline of an ocean, sea, lake or river. It usually consists of loose particles which are often composed of rock, such as sand, gravel, shingle, pebbles or cobblestones.



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Alinhamento a esquerda:

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Atributo border

Imagem com border="5"

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Pixels

- Imagens são medidas pelos pixels na tela
- Ex.: uma imagem 1600x1200, significa que a mesma possui:
 - 1600 pixels de largura
 - 1200 pixels de altura
- Evitar colocar imagens muito grandes, pois pode “pesar” a página

Tamanho das imagens

- Se o site fará uso de muitas imagens, é altamente aconselhável, fazer uma *thumbnail*, ou uma versão miniatura da imagem original.
- Consiste em pegar a imagem original e reduzir seu tamanho.
- Exemplo: uma imagem fotográfica, tem em torno de 3Mb ou mais.
- Por exemplo, se não compactarmos as imagens, um site de venda de carros, que exhibe 20 carros, pode chegar a 60Mb!!! de tamanho.

Como compactar uma imagem?

- Diminuindo a resolução.
- Compactando a imagem (perda de qualidade)
- Convertendo a imagem para um padrão com maior compressão.


Exercício 1

- Faça a página html corresponde:


Exercicio 1

Subtítulo 1

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Subtítulo 2




A beach is a landform along the shoreline of an ocean, sea, lake or river. It usually consists of loose particles which are often composed of rock, such as sand, gravel, shingle, pebbles or cobblestones. The particles comprising the beach are occasionally biological in origin, such as mollusc shells or coralline algae. Wild beaches are beaches which do not have lifeguards or trappings of modernity nearby, such as resorts and hotels. They are sometimes called undeclared, undeveloped or undiscovered beaches. Wild beaches can be valued for their untouched beauty and preserved nature. They are most commonly found in less developed areas including, for example, parts of Puerto Rico, Thailand, the Philippines, and Indonesia. Bangladesh is the home of the world's longest natural sandy sea beach located at Cox's Bazar. A beach is a landform along the shoreline of an ocean, sea, lake or river. It usually consists of loose particles which are often composed of rock, such as sand, gravel, shingle, pebbles or cobblestones.

Exercício 2

- Faça uma página com 4 imagens de filmes, onde cada imagem possui um link associado que ao clicar leva para a página do filme correspondente. A página deve abrir numa nova aba. A cor do link é vermelho.

Exercicio 2 +

Lançamentos



The image shows a browser window titled "Exercicio 2" with a "+" sign for a new tab. Below the title bar, the word "Lançamentos" is written in a bold, black, serif font and underlined. Below this heading, four movie posters are displayed in a row, each enclosed in a red border. From left to right, the posters are: 1. "Despicable Me" featuring Gru and the Minions, with the text "SUPERBAD. SUPERBAD." at the top and "Steve Carell DESPICABLE ME" in the middle. 2. "Planet 51" featuring green alien characters, with the title "PLANET 51" in large green letters and the tagline "SOMETHING STRANGE IS COMING TO THEIR PLANET... US!" at the bottom. 3. "Robots" featuring a blue robot and a yellow robot, with the text "From the Creators of ICE AGE" and "Robots Repair For Adventure!" at the top. 4. "Wall-E" featuring the character Wall-E, with the text "Disney • PIXAR WALL-E" and "JUNE 27" at the top.

Exercício 3

- Faça a seguinte página html:

