The title is the only mandatory part of the head of an html document. We can only have one title.

Raster images are useful when we want a picture with lot of details. Vector graphics are optimized for logos or simple images made of forms.

With CSS, we can modify the value of the resolution.

We can simulate slow internet connection by going on dev tools, network, no throttling. This can be useful to see how our website act on slow internet connection, or o see how our pages load.

Webp is a mixture of Gif and Jpeg.

Jpeg is lossy, png is lossless .

Gif use indexed color palette with is useful for reducing image size.

Jpeg is anti-aliased (due to lossy effect)

From alias, we can apply the jpeg algorithm and get anti-alias.

Gif is not good for transparency. PNG is more interesting. In GIF, we can only have one color transparency. This is not optimized because, if we use the image on a background of a different color, the picture will not be transparent anymore. See (Jennyfer).

Reuseing images is optimal because, since the image is already is the cache, it will be faster to load.

The compression can be represented by a from 1 to 100. We would want it to be 90% of the size less for example .

PNG are great for icons.

Lazy loading images : we load images only when we are approaching the part of the page where they are.