

Converting Colors

RGB(224, 166, 200)

Have a look what the booklet for
RGB(224, 166, 200) contains.

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Color

RGB(224, 166, 200)

Conversions

Conversions Part 1

Format	Color
Hex	E0A6C8
RGB	224, 166, 200
RGB Percent	88%, 65%, 78%
CMY	0.1216, 0.3490, 0.2157
CMYK	0.00, 0.26, 0.11, 0.12
HSL	325°, 48%, 76%
HSV	325°, 26%, 88%
XYZ	54.8020, 47.2899, 60.8831
YIQ	187.2180, 23.6540, 22.8700

Conversions

Conversions Part 2

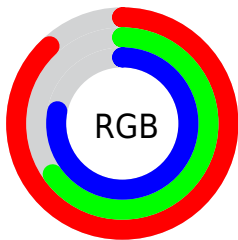
Format	Color
RYB	224, 166, 200
Decimal	14722760
CIELab	74.37, 26.61, -8.95
CIELCh	74, 28.074, 341.409
Yxy	47.2899, 0.3363, 0.2902
Android (android.graphics.Color)	4292912840 (0xFFE0A6C8)
YUV	187.2180, 6.3015, 32.2578
Hunter-Lab	68.7676, 21.9062, -4.3548

Details

The RGB color **224, 166, 200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166, 224, 190**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 221, 255**, and **168, 114, 146** is the 20% darker color. If you saturate the color by 10%, you get **224, 144, 191**, and if you desaturate by 10%, it is **224, 188, 209**.

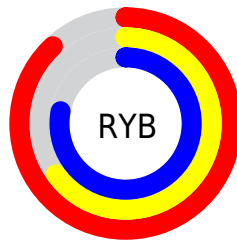
Distribution



Red (88%)

Green (65%)

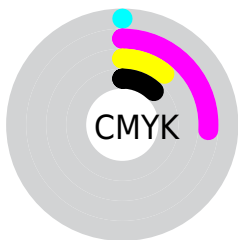
Blue (78%)



Red (88%)

Yellow (65%)

Blue (78%)

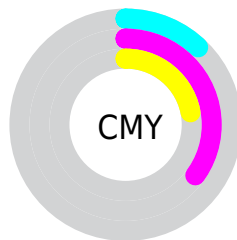


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (12%)



Cyan (12%)


Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 166, 200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 224, 166, 200 by changing the saturation by 10% instead.


 224, 166, 200

255, 255, 255


 255, 221, 255


 255, 250, 255

 224, 166, 200

 196, 139, 173

 168, 114, 146

 141, 89, 120

 115, 64, 96

 90, 41, 72

 65, 18, 49

 43, 0, 29

 6, 0, 0

 0, 0, 0

■ 224, 166, 200

■ 224, 166, 200

■ 224, 144, 191

■ 224, 188, 209

■ 224, 121, 181

■ 224, 211, 219

■ 224, 99, 172

■ 224, 233, 228

■ 224, 76, 163

■ 224, 255, 237

■ 224, 54, 154

■ 224, 255, 246

■ 224, 32, 144

■ 224, 255, 255

■ 224, 9, 135

■ 224, 0, 131

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199, 173, 222



224, 166, 200



235, 164, 174

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 166, 200



192, 184, 132



107, 195, 216

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



224, 166, 200



166, 224, 190

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



110, 197, 192



224, 166, 200



163, 192, 144

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 166, 200



216, 176, 135



133, 196, 166



129, 190, 231

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224, 166, 200



234, 166, 157



133, 196, 166



105, 196, 209

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



224, 166, 200



255, 235, 247



189, 166, 224



128, 115, 122



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 166, 200



255, 176, 222



224, 166, 172



112, 101, 108



176, 0, 103



48, 0, 28

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



224, 166, 200



255, 176, 222



166, 224, 218



112, 101, 108



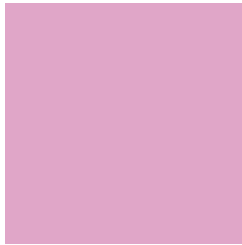
176, 0, 103



48, 0, 28

Previews

White Background



This preview shows how the RGB color 224, 166, 200 looks on a white background.

Color Contrast Check

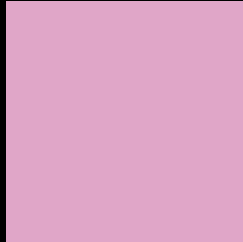
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 224, 166, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 224, 166, 200 Background



This preview shows how black text looks on a background with the RGB color 224, 166, 200.



This preview shows how white text looks on a background with the RGB color 224, 166, 200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
224, 166, 200

Protanopia
178, 182, 210

Deuteranopia
194, 178, 198



Tritanopia
222, 169, 182

Trichromacy



Original Color
224, 166, 200

Protanomaly
195, 176, 206

Deuteranomaly
205, 174, 199

Tritanomaly
223, 168, 189

Monochromacy



Original Color
224, 166, 200

Achromatopsia
187, 187, 187

Achromatomaly
200, 179, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 166, 200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(224, 166, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 166, 200) }
```

Border

The CSS property to change the border of an element to RGB 224, 166, 200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 166, 200) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 166, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 166, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 166, 200); box-shadow:4px 4px 4px 4px rgb(224, 166, 200) }
```

Background

The CSS property to change the background color of an element to RGB 224, 166, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 166, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
166, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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