

Converting Colors

RGB(222, 122, 216)

Have a look what the booklet for
RGB(222, 122, 216) contains.

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Color

RGB(222, 122, 216)

Conversions

Conversions Part 1

Format	Color
Hex	DE7AD8
RGB	222, 122, 216
RGB Percent	87%, 48%, 85%
CMY	0.1294, 0.5216, 0.1529
CMYK	0.00, 0.45, 0.03, 0.13
HSL	304°, 60%, 67%
HSV	304°, 45%, 87%
XYZ	49.4784, 34.4065, 68.9991
YIQ	162.6160, 29.4260, 50.4340

Conversions

Conversions Part 2

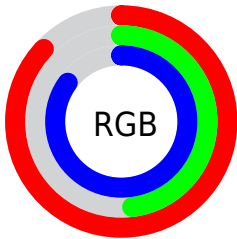
Format	Color
R _Y B	222, 122, 216
Decimal	14580440
CIE Lab	65.28, 51.86, -31.64
CIE LCh	65, 60.749, 328.609
Yxy	34.4065, 0.3236, 0.2250
Android (android.graphics.Color)	4292770520 (0xFFDE7AD8)
YUV	162.6160, 26.3183, 52.0798
Hunter-Lab	58.6571, 47.9184, -28.6836

Details

The RGB color **222, 122, 216** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **122, 222, 128**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 177, 255**, and **165, 69, 161** is the 20% darker color. If you saturate the color by 10%, you get **222, 100, 215**, and if you desaturate by 10%, it is **222, 144, 217**.

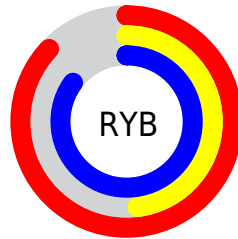
Distribution



Red (87%)

Green (48%)

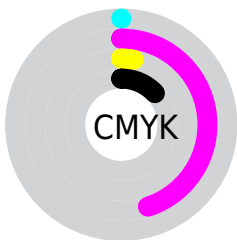
Blue (85%)



Red (87%)

Yellow (48%)

Blue (85%)

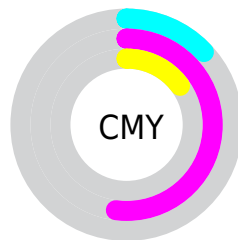


Cyan (0%)

Magenta (45%)

Yellow (3%)

Black (13%)



Cyan (13%)


Magenta (52%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 122, 216 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 222, 122, 216 by changing the saturation by 10% instead.


 222, 122, 216

255, 255, 255

 255, 177, 255

 255, 205, 255


 255, 234, 255

 222, 122, 216

 193, 95, 188

 165, 69, 161

 137, 41, 134

 110, 4, 109

 84, 0, 84

 58, 0, 61


 34, 0, 38

 0, 1, 15

 0, 0, 0


 222, 122, 216

 222, 122, 216


 222, 100, 215

 222, 144, 217

 222, 78, 213

 222, 166, 219

 222, 55, 212

 222, 189, 220

 222, 33, 211

 222, 211, 221

 222, 11, 209

 222, 233, 223

 222, 0, 209

 222, 255, 224

 222, 255, 225

 222, 255, 227

 222, 255, 228

Harmonies

Analogous

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



155, 145, 254



222, 122, 216



254, 108, 163

Triad

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



222, 122, 216



189, 155, 39



0, 184, 209

Complementary

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



222, 122, 216



122, 222, 128

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.



0, 184, 154



222, 122, 216



135, 171, 55

Square

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



222, 122, 216



231, 134, 65



56, 180, 99



0, 178, 251

Rectangle

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



222, 122, 216



255, 110, 127



56, 180, 99



0, 185, 192

Sweetspot

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



222, 122, 216



255, 219, 253



127, 122, 222



128, 106, 126



0, 0, 0



128, 128, 128

Same Dimension

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



222, 122, 216



255, 117, 247



222, 122, 167



112, 101, 112



176, 0, 165



48, 0, 46

Inverse Universe

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



222, 122, 216



255, 117, 247



122, 222, 177



112, 101, 112



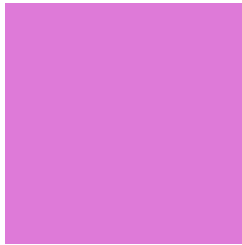
176, 0, 165



48, 0, 46

Previews

White Background



This preview shows how the RGB color 222, 122, 216 looks on a white background.

Color Contrast Check

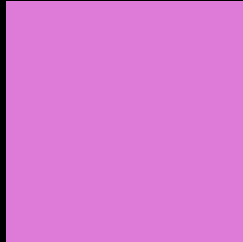
Large Text (above 18pt) WCAG AA × Fail

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 222, 122, 216 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 222, 122, 216 Background



This preview shows how black text looks on a background with the RGB color 222, 122, 216.



This preview shows how white text looks on a background with the RGB color 222, 122, 216.

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
222, 122, 216

Protanopia
128, 156, 243

Deuteranopia
146, 156, 210



Tritanopia
214, 137, 148

Trichromacy



Original Color

222, 122, 216



Protanomaly

162, 144, 233



Deuteranomaly

174, 144, 212



Tritanomaly

217, 132, 173

Monochromacy



Original Color

222, 122, 216



Achromatopsia

163, 163, 163



Achromatomaly

184, 148, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 122, 216 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(222, 122, 216)` looks like.

```
.text, #text, p{  
    color:rgb(222, 122, 216)  
}
```

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(222, 122, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 122, 216) }
```

Border

The CSS property to change the border of an element to RGB 222, 122, 216 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(222, 122, 216) }
```

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

```
.border{ border-color:rgb(222, 122, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 122, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 122, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 122, 216);  
box-shadow:4px 4px 4px 4px rgb(222, 122,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 222, 122, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 122, 216) }
```

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

```
.background{ background-color: rgb(222,  
122, 216) }
```

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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