

Converting Colors

RGB(220, 106, 150)

Have a look what the booklet for
RGB(220, 106, 150) contains.

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Color

RGB(220, 106, 150)

Conversions

Conversions Part 1	
Format	Color
Hex	DC6A96
RGB	220, 106, 150
RGB Percent	86%, 42%, 59%
CMY	0.1373, 0.5843, 0.4118
CMYK	0.00, 0.52, 0.32, 0.14
HSL	337°, 62%, 64%
HSV	337°, 52%, 86%
XYZ	40.1743, 27.7257, 32.0883
YIQ	145.1020, 53.8200, 37.8520

Conversions

Conversions Part 2

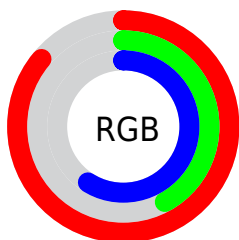
Format	Color
RYB	220, 106, 150
Decimal	14445206
CIELab	59.64, 49.20, -2.68
CIELCh	60, 49.276, 356.882
Yxy	27.7257, 0.4018, 0.2773
Android (android.graphics.Color)	4292635286 (0xFFDC6A96)
YUV	145.1020, 2.4147, 65.6855
Hunter-Lab	52.6552, 44.0432, 0.7270

Details

The RGB color **220, 106, 150** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **106, 220, 176**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 161, 204**, and **162, 52, 99** is the 20% darker color. If you saturate the color by 10%, you get **220, 84, 136**, and if you desaturate by 10%, it is **220, 128, 164**.

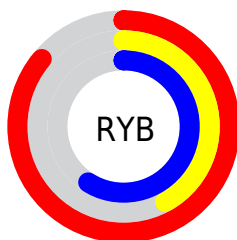
Distribution



Red (86%)

Green (42%)

Blue (59%)



Red (86%)

Yellow (42%)

Blue (59%)

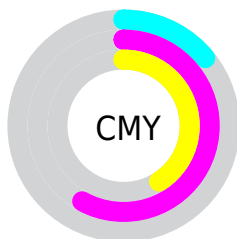


Cyan (0%)

Magenta (52%)

Yellow (32%)

Black (14%)



Cyan (14%)


Magenta (58%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 106, 150 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 220, 106, 150 by changing the saturation by 10% instead.

 220, 106, 150

255, 255, 255


 255, 161, 204

 255, 189, 232

 255, 217, 255

 255, 246, 255

 220, 106, 150

 191, 79, 124

 162, 52, 99

 133, 21, 76

 106, 0, 53

 78, 0, 32

 55, 0, 7


 12, 0, 0


 0, 0, 0


 220, 106, 150

 220, 106, 150


 220, 84, 136


 220, 128, 164


 220, 62, 123

 220, 150, 177

 220, 40, 109

 220, 172, 191

 220, 18, 96

 220, 194, 204

 220, 0, 85

 220, 216, 218

 220, 238, 231

 220, 255, 245

 220, 255, 255

Harmonies

Analogous

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



193, 117, 192



220, 106, 150



223, 109, 107

Triad

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



220, 106, 150



129, 153, 62



0, 160, 215

Complementary

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



220, 106, 150



106, 220, 176

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, 165, 182



220, 106, 150



74, 161, 94

Square

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



220, 106, 150



172, 140, 53



0, 165, 138



31, 150, 230

Rectangle

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



220, 106, 150



213, 118, 82



0, 165, 138



0, 162, 206

Sweetspot

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



220, 106, 150



255, 214, 230



174, 106, 220



128, 103, 113



0, 0, 0



128, 128, 128

Same Dimension

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



220, 106, 150



255, 97, 158



220, 117, 106



110, 99, 103



173, 0, 67



46, 0, 18

Inverse Universe

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



220, 106, 150



255, 97, 158



106, 209, 220



110, 99, 103



173, 0, 67



46, 0, 18

Previews

White Background



This preview shows how the RGB color 220, 106, 150 looks on a white background.

Color Contrast Check

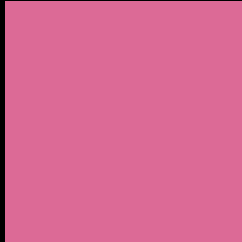
Large Text (above 18pt) WCAG AA ✓ Pass

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 220, 106, 150 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 × Fail

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

RGB 220, 106, 150 Background



This preview shows how black text looks on a background with the RGB color 220, 106, 150.



This preview shows how white text looks on a background with the RGB color 220, 106, 150.

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

220, 106, 150

Protanopia

138, 143, 173

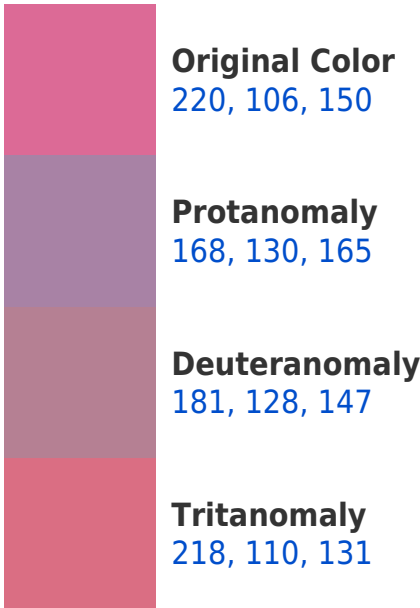
Deuteranopia

158, 140, 145

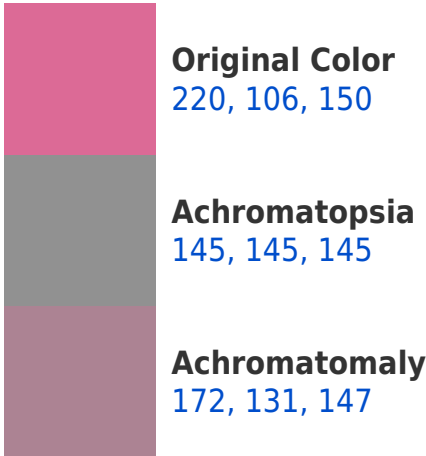


Tritanopia
217, 112, 120

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 106, 150 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(220, 106, 150) looks like.

```
.text, #text, p{  
    color:rgb(220, 106, 150)  
}
```

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(220, 106, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 106, 150) }
```

Border

The CSS property to change the border of an element to RGB 220, 106, 150 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(220, 106, 150) }
```

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

```
.border{ border-color:rgb(220, 106, 150) }
```

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

Here you see how a box with a 4 pixel rgb(220, 106, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 106, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 106, 150);  
box-shadow:4px 4px 4px 4px rgb(220, 106,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 220, 106, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 106, 150) }
```

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

```
.background{ background-color: rgb(220,  
106, 150) }
```

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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