

Converting Colors

RGB(220, 127, 180)

Have a look what the booklet for
RGB(220, 127, 180) contains.

RGB(220, 127, 180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(220, 127, 180)

Conversions

Conversions Part 1

Format	Color
Hex	DC7FB4
RGB	220, 127, 180
RGB Percent	86%, 50%, 71%
CMY	0.1373, 0.5020, 0.2941
CMYK	0.00, 0.42, 0.18, 0.14
HSL	326°, 57%, 68%
HSV	326°, 42%, 86%
XYZ	45.3428, 33.6897, 47.2929
YIQ	160.8490, 38.4150, 36.1990

Conversions

Conversions Part 2

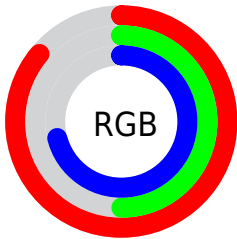
Format	Color
R _Y B	220, 127, 180
Decimal	14450612
CIE Lab	64.72, 42.77, -12.30
CIE LCh	65, 44.506, 343.958
Yxy	33.6897, 0.3589, 0.2667
Android (android.graphics.Color)	4292640692 (0xFFDC7FB4)
YUV	160.8490, 9.4414, 51.8754
Hunter-Lab	58.0428, 37.8685, -7.6792

Details

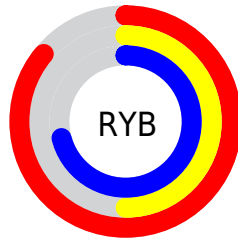
The RGB color **220, 127, 180** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **127, 220, 167**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 182, 236**, and **163, 75, 127** is the 20% darker color. If you saturate the color by 10%, you get **220, 105, 171**, and if you desaturate by 10%, it is **220, 149, 189**.

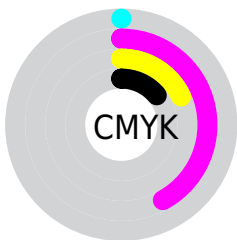
Distribution



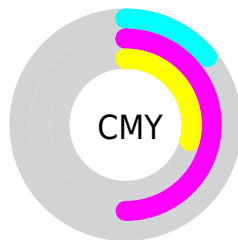
- Red (86%)
- Green (50%)
- Blue (71%)



- Red (86%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (42%)
- Yellow (18%)
- Black (14%)




- Cyan (14%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 127, 180 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, 127, 180 by changing the saturation by 10% instead.

 220, 127, 180

255, 255, 255

 255, 182, 236

 255, 210, 255

 255, 239, 255

 220, 127, 180

 191, 101, 153

 163, 75, 127

 135, 49, 102

 109, 21, 78

 82, 0, 55

 57, 0, 34

 32, 0, 9

 0, 0, 0

 220, 127, 180

 220, 127, 180

■ 220, 105, 171

■ 220, 149, 189

■ 220, 83, 161

■ 220, 171, 199

■ 220, 61, 152

■ 220, 193, 208

■ 220, 39, 142

■ 220, 215, 218

■ 220, 17, 133

■ 220, 237, 227

■ 220, 0, 125

■ 220, 255, 237

■ 220, 255, 246

■ 220, 255, 255

Harmonies

Analogous

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



184, 139, 215



220, 127, 180



233, 124, 140

Triad

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



220, 127, 180



163, 161, 77



0, 175, 211

Complementary

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



220, 127, 180



127, 220, 167

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, 178, 175



220, 127, 180



119, 170, 98

Square

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



220, 127, 180



199, 147, 80



59, 176, 134



15, 167, 233

Rectangle

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



220, 127, 180



229, 129, 115



59, 176, 134



0, 176, 200

Sweetspot

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



220, 127, 180



255, 222, 241



166, 127, 220



128, 107, 119



0, 0, 0



128, 128, 128

Same Dimension

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



220, 127, 180



255, 125, 199



220, 127, 135



110, 99, 105



173, 0, 99



46, 0, 26

Inverse Universe

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



220, 127, 180



255, 125, 199



127, 220, 212



110, 99, 105



173, 0, 99



46, 0, 26

Previews

White Background



This preview shows how the RGB color 220, 127, 180 looks on a white background.

Color Contrast Check

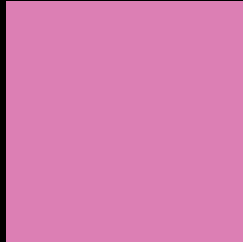
Large Text (above 18pt) WCAG AA × Fail

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 220, 127, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

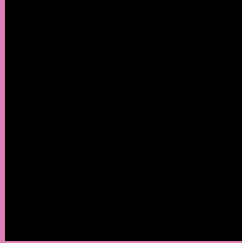
Any Text WCAG AA ✓ Pass

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 220, 127, 180 Background



This preview shows how black text looks on a background with the RGB color 220, 127, 180.



This preview shows how white text looks on a background with the RGB color 220, 127, 180.

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, 127, 180

Protanopia
147, 156, 199

Deuteranopia
164, 153, 175



Tritanopia
216, 134, 144

Trichromacy



Original Color

220, 127, 180



Protanomaly

174, 145, 192



Deuteranomaly

184, 144, 177



Tritanomaly

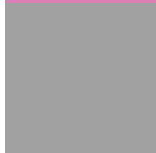
217, 131, 157

Monochromacy



Original Color

220, 127, 180



Achromatopsia

161, 161, 161



Achromatomaly

182, 149, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 127, 180 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, 127, 180)` looks like.

```
.text, #text, p{  
    color:rgb(220, 127, 180)  
}
```

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, 127, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 127, 180) }
```

Border

The CSS property to change the border of an element to RGB 220, 127, 180 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, 127, 180) }
```

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

```
.border{ border-color:rgb(220, 127, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 127, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 127, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 127, 180);  
box-shadow:4px 4px 4px 4px rgb(220, 127,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 220, 127, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 127, 180) }
```

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

```
.background{ background-color: rgb(220,  
127, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor