

Converting Colors

RGB(218, 131, 174)

Have a look what the booklet for
RGB(218, 131, 174) contains.

RGB(218, 131, 174)	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(218, 131, 174)

Conversions

Conversions Part 1

Format	Color
Hex	DA83AE
RGB	218, 131, 174
RGB Percent	85%, 51%, 68%
CMY	0.1451, 0.4863, 0.3176
CMYK	0.00, 0.40, 0.20, 0.15
HSL	330°, 54%, 68%
HSV	330°, 40%, 85%
XYZ	44.6697, 34.1940, 44.2902
YIQ	161.9150, 38.0490, 31.8170

Conversions

Conversions Part 2

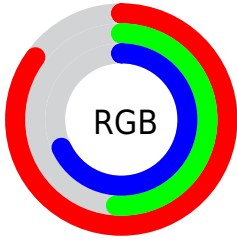
Format	Color
R _Y B	218, 131, 174
Decimal	14320558
CIE Lab	65.12, 39.10, -8.33
CIE LCh	65, 39.981, 347.971
Yxy	34.1940, 0.3627, 0.2777
Android (android.graphics.Color)	4292510638 (0xFFDA83AE)
YUV	161.9150, 5.9579, 49.1865
Hunter-Lab	58.4757, 34.0243, -3.9740

Details

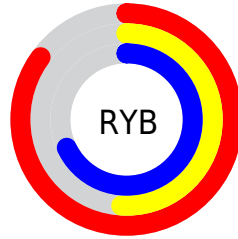
The RGB color **218, 131, 174** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **131, 218, 175**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 185, 229**, and **161, 79, 122** is the 20% darker color. If you saturate the color by 10%, you get **218, 109, 163**, and if you desaturate by 10%, it is **218, 153, 185**.

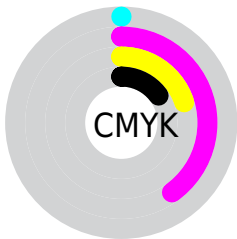
Distribution



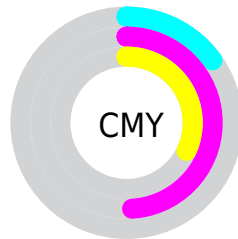
- Red (85%)
- Green (51%)
- Blue (68%)



- Red (85%)
- Yellow (51%)
- Blue (68%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (15%)



- Cyan (15%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 131, 174 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 218, 131, 174 by changing the saturation by 10% instead.

 218, 131, 174


255, 255, 255


 255, 185, 229

 255, 214, 255

 255, 242, 255


 218, 131, 174

 189, 105, 147

 161, 79, 122

 134, 54, 97

 107, 28, 73


 81, 0, 51

 56, 0, 30

 32, 0, 1

 0, 0, 0


 218, 131, 174


 218, 131, 174

 218, 109, 163

 218, 153, 185

 218, 87, 152


 218, 175, 196

 218, 66, 141

 218, 196, 207

 218, 44, 130

 218, 218, 218

 218, 22, 119

 218, 240, 229

 218, 0, 108

 218, 255, 240

 218, 0, 108

 218, 255, 251

 218, 255, 255

Harmonies

Analogous

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



188, 141, 206



218, 131, 174



227, 130, 138

Triad

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



218, 131, 174



159, 163, 88



0, 174, 210

Complementary

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



218, 131, 174



131, 218, 175

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, 177, 179



218, 131, 174



119, 171, 109

Square

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



218, 131, 174



193, 151, 88



68, 176, 142



72, 166, 227

Rectangle

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



218, 131, 174



223, 135, 116



68, 176, 142



0, 175, 201

Sweetspot

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



218, 131, 174



255, 224, 240



175, 131, 218



128, 110, 118



0, 0, 0



128, 128, 128

Same Dimension

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



218, 131, 174



255, 133, 193



218, 131, 131



110, 99, 104



173, 0, 86



46, 0, 23

Inverse Universe

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



218, 131, 174



255, 133, 193



131, 218, 218



110, 99, 104



173, 0, 86



46, 0, 23

Previews

White Background



This preview shows how the RGB color 218, 131, 174 looks on a white background.

Color Contrast Check

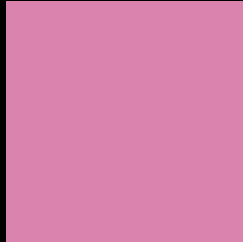
Large Text (above 18pt) WCAG AA × Fail

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 218, 131, 174 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 218, 131, 174 Background



This preview shows how black text looks on a background with the RGB color 218, 131, 174.



This preview shows how white text looks on a background with the RGB color 218, 131, 174.

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
218, 131, 174

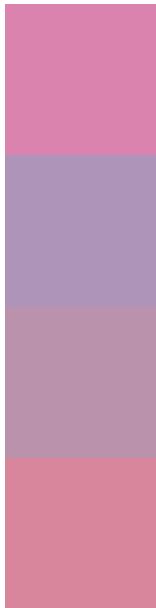
Protanopia
151, 157, 191

Deuteranopia
169, 154, 170



Tritanopia
215, 136, 146

Trichromacy



Original Color
218, 131, 174

Protanomaly
175, 148, 185

Deuteranomaly
187, 146, 171

Tritanomaly
216, 134, 156

Monochromacy



Original Color
218, 131, 174

Achromatopsia
162, 162, 162

Achromatomaly
182, 151, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 131, 174 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(218, 131, 174) looks like.

```
.text, #text, p{  
    color:rgb(218, 131, 174)  
}
```

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(218, 131, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 131, 174) }
```

Border

The CSS property to change the border of an element to RGB 218, 131, 174 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(218, 131, 174) }
```

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

```
.border{ border-color:rgb(218, 131, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 131, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 131, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 131, 174);  
box-shadow:4px 4px 4px 4px rgb(218, 131,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 218, 131, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 131, 174) }
```

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

```
.background{ background-color: rgb(218,  
131, 174) }
```

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