

Converting Colors

RGB(218, 145, 196)

Have a look what the booklet for
RGB(218, 145, 196) contains.

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Color

RGB(218, 145, 196)

Conversions

Conversions Part 1

Format	Color
Hex	DA91C4
RGB	218, 145, 196
RGB Percent	85%, 57%, 77%
CMY	0.1451, 0.4314, 0.2314
CMYK	0.00, 0.33, 0.10, 0.15
HSL	318°, 50%, 71%
HSV	318°, 33%, 85%
XYZ	49.0026, 39.1417, 57.1969
YIQ	172.6410, 27.1370, 31.3370

Conversions

Conversions Part 2

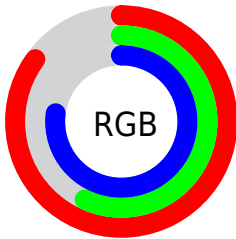
Format	Color
RYB	218, 145, 196
Decimal	14324164
CIELab	68.85, 35.18, -15.07
CIELCh	69, 38.270, 336.803
Yxy	39.1417, 0.3372, 0.2693
Android (android.graphics.Color)	4292514244 (0xFFDA91C4)
YUV	172.6410, 11.5160, 39.7798
Hunter-Lab	62.5634, 30.3239, -10.4100

Details

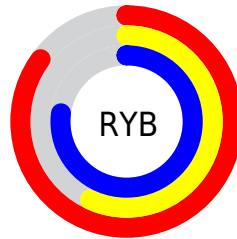
The RGB color **218, 145, 196** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **145, 218, 167**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 200, 253**, and **162, 93, 142** is the 20% darker color. If you saturate the color by 10%, you get **218, 123, 189**, and if you desaturate by 10%, it is **218, 167, 203**.

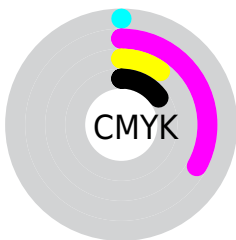
Distribution



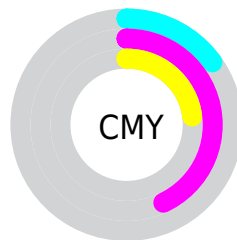
- Red (85%)
- Green (57%)
- Blue (77%)



- Red (85%)
- Yellow (57%)
- Blue (77%)



- Cyan (0%)
- Magenta (33%)
- Yellow (10%)
- Black (15%)



- Cyan (15%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 145, 196 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, 145, 196 by changing the saturation by 10% instead.


 218, 145, 196

255, 255, 255

 255, 200, 253

 255, 228, 255


 218, 145, 196

 190, 119, 169

 162, 93, 142

 135, 68, 117

 109, 44, 92

 83, 19, 68

 58, 0, 46

 38, 0, 26

 0, 0, 0

 218, 145, 196


 218, 145, 196

 218, 123, 189


 218, 167, 203

 218, 101, 183


 218, 189, 209

 218, 80, 176


 218, 210, 216

 218, 58, 170


 218, 232, 222

 218, 36, 163

 218, 254, 229

 218, 14, 157

 218, 255, 235

 218, 0, 152

 218, 255, 242

 218, 255, 249

 218, 255, 255

Harmonies

Analogous

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



182, 156, 224



218, 145, 196



234, 141, 161

Triad

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



218, 145, 196



183, 169, 98



0, 185, 208

Complementary

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



218, 145, 196



145, 218, 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.



51, 187, 175



218, 145, 196



146, 178, 111

Square

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



218, 145, 196



213, 157, 105



103, 184, 140



67, 179, 231

Rectangle

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



218, 145, 196



235, 143, 139



103, 184, 140



0, 186, 198

Sweetspot

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



218, 145, 196



255, 230, 247



167, 145, 218



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



218, 145, 196



255, 153, 224



218, 145, 160



110, 99, 106



173, 0, 121



46, 0, 32

Inverse Universe

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



218, 145, 196



255, 153, 224



145, 218, 203



110, 99, 106



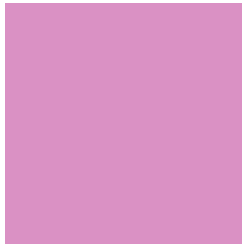
173, 0, 121



46, 0, 32

Previews

White Background



This preview shows how the RGB color 218, 145, 196 looks on a white background.

Color Contrast Check

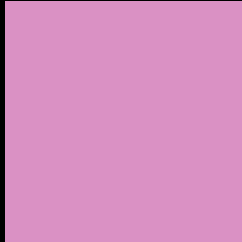
Large Text (above 18pt) WCAG AA × Fail

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, 145, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

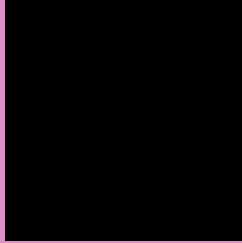
Any Text WCAG AA ✓ Pass

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, 145, 196 Background



This preview shows how black text looks on a background with the RGB color 218, 145, 196.

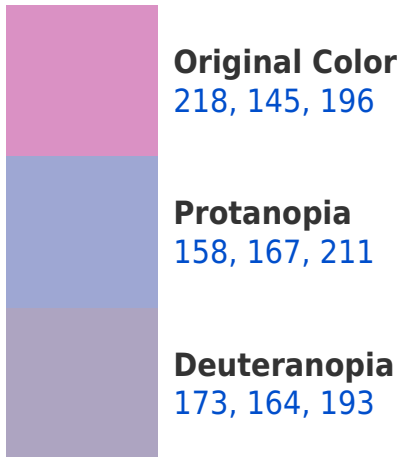



This preview shows how white text looks on a background with the RGB color 218, 145, 196.

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





Tritanopia
214, 151, 163

Trichromacy



Original Color

218, 145, 196



Protanomaly

180, 159, 206



Deuteranomaly

189, 157, 194



Tritanomaly

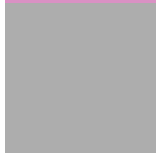
215, 149, 175

Monochromacy



Original Color

218, 145, 196



Achromatopsia

173, 173, 173



Achromatomaly

189, 163, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 145, 196 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, 145, 196) looks like.

```
.text, #text, p{  
    color:rgb(218, 145, 196)  
}
```

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, 145, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 145, 196) }
```

Border

The CSS property to change the border of an element to RGB 218, 145, 196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

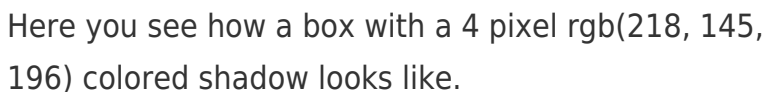
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 145, 196) }
```

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

```
.border{ border-color:rgb(218, 145, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 145, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 145, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 145, 196); box-shadow:4px 4px 4px 4px rgb(218, 145, 196) }
```

Background

The CSS property to change the background color of an element to RGB 218, 145, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 145, 196) }
```

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

```
.background{ background-color: rgb(218,  
145, 196) }
```

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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