

Converting Colors

`RYB(218, 169, 182)`

Have a look what the booklet for
RYB(218, 169, 182) contains.

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Color

R_YB(218, 169, 182)

Conversions

Conversions Part 1

Format	Color
Hex	DAA9B6
RGB	218, 169, 182
RGB Percent	85%, 66%, 71%
CMY	0.1451, 0.3373, 0.2863
CMYK	0.00, 0.22, 0.17, 0.15
HSL	344°, 40%, 76%
HSV	344°, 22%, 85%
XYZ	51.5449, 46.6588, 50.5453
YIQ	185.1330, 25.0310, 14.4310

Conversions

Conversions Part 2

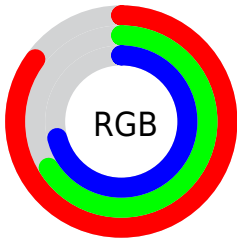
Format	Color
R _Y B	218, 169, 182
Decimal	14330294
CIE Lab	73.97, 19.94, 0.26
CIE LCh	74, 19.938, 0.756
Yxy	46.6588, 0.3465, 0.3137
Android (android.graphics.Color)	4292520374 (0xFFDAA9B6)
YUV	185.1330, -1.5446, 28.8244
Hunter-Lab	68.3072, 15.1592, 3.9422

Details

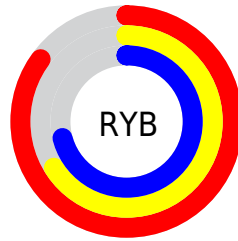
The RYB color **218, 169, 182** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **169, 197, 218**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 224, 238**, and **162, 117, 129** is the 20% darker color. If you saturate the color by 10%, you get **218, 147, 166**, and if you desaturate by 10%, it is **218, 191, 198**.

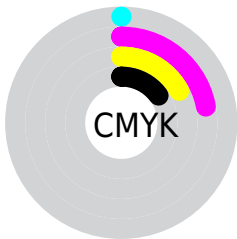
Distribution



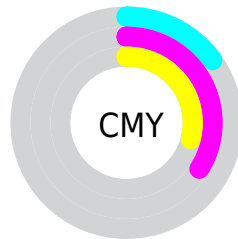
- Red (85%)
- Green (66%)
- Blue (71%)



- Red (85%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (15%)



- Cyan (15%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 218, 169, 182 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 RYB color 218, 169, 182 by changing the saturation by 10% instead.


 218, 169, 182

 218, 169, 182

255, 255, 255

 190, 142, 155

 255, 224, 238


 162, 117, 129

 255, 253, 255

 136, 92, 104

 110, 68, 80


 85, 45, 57

 61, 23, 36

 39, 0, 14

 0, 0, 0

 218, 169, 182

 218, 169, 182

■ 218, 147, 166

■ 218, 191, 198

■ 218, 125, 150

■ 218, 213, 214

■ 218, 104, 134

■ 218, 227, 234

■ 218, 82, 118

■ 218, 239, 255

■ 218, 60, 102

■ 218, 237, 255

■ 218, 38, 86

■ 218, 16, 70

■ 218, 0, 58

Harmonies

Analogous

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



206, 172, 200



218, 169, 182



220, 171, 164

Triad

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



218, 169, 182



150, 186, 161



141, 170, 213

Complementary

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



218, 169, 182



169, 197, 218

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.



132, 164, 200



218, 169, 182



155, 184, 191

Square

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



218, 169, 182



166, 196, 145



138, 168, 192



161, 177, 218

Rectangle

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



218, 169, 182



215, 182, 154



138, 168, 192



136, 167, 209

Sweetspot

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



218, 169, 182



255, 237, 242



205, 169, 218



128, 117, 120



0, 0, 0



128, 128, 128

Same Dimension

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



218, 169, 182



255, 186, 204



218, 183, 169



110, 99, 102



173, 0, 46



46, 0, 12

Inverse Universe

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



218, 169, 182



255, 186, 204



169, 190, 218



110, 99, 102



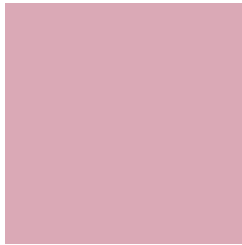
173, 0, 46



46, 0, 12

Previews

White Background



This preview shows how the RYB color 218, 169, 182 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 RYB color 218, 169, 182 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](#).

RYB 218, 169, 182 Background



This preview shows how black text looks on a background with the RYB color 218, 169, 182.

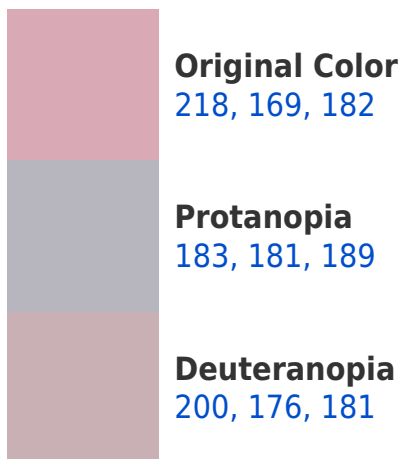



This preview shows how white text looks on a background with the RYB color 218, 169, 182.

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
218, 169, 182

Trichromacy



Original Color

218, 169, 182

Protanomaly

196, 177, 186

Deuteranomaly

207, 173, 181

Tritanomaly

218, 169, 182

Monochromacy



Original Color

218, 169, 182

Achromatopsia

185, 185, 185

Achromatomaly

197, 179, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 169, 182 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, 169, 182) looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 182)  
}
```

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, 169, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 182) }
```

Border

The CSS property to change the border of an element to RYB 218, 169, 182 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, 169, 182) }
```

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

```
.border{ border-color:rgb(218, 169, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 169, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 182);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 218, 169, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 182) }
```

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

```
.background{ background-color: rgb(218,  
169, 182) }
```

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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