

Converting Colors

`RYB(218, 157, 161)`

Have a look what the booklet for
RYB(218, 157, 161) contains.

RYB(218, 157, 161)	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

R_YB(218, 157, 161)

Conversions

Conversions Part 1

Format	Color
Hex	DA9DA1
RGB	218, 157, 161
RGB Percent	85%, 62%, 63%
CMY	0.1451, 0.3843, 0.3686
CMYK	0.00, 0.28, 0.26, 0.15
HSL	356°, 45%, 74%
HSV	356°, 28%, 85%
XYZ	47.4034, 41.5926, 39.2480
YIQ	175.6950, 35.0720, 14.1760

Conversions

Conversions Part 2

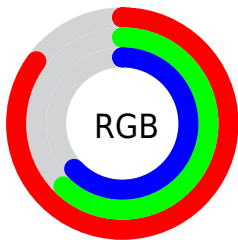
Format	Color
RYB	218, 157, 161
Decimal	14327201
CIELab	70.59, 23.29, 6.96
CIELCh	71, 24.303, 16.630
Yxy	41.5926, 0.3696, 0.3243
Android (android.graphics.Color)	4292517281 (0xFFDA9DA1)
YUV	175.6950, -7.2446, 37.1015
Hunter-Lab	64.4923, 18.3404, 9.0626

Details

The RYB color **218, 157, 161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **157, 189, 218**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 212, 216**, and **162, 105, 110** is the 20% darker color. If you saturate the color by 10%, you get **218, 135, 141**, and if you desaturate by 10%, it is **218, 179, 181**.

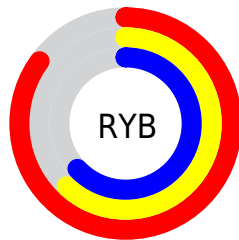
Distribution



Red (85%)

Green (62%)

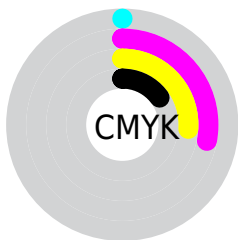
Blue (63%)



Red (85%)

Yellow (62%)

Blue (63%)

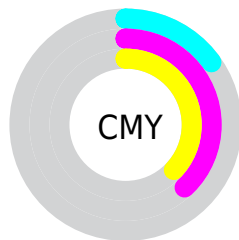


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (15%)



Cyan (15%)

Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 218, 157, 161 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, 157, 161 by changing the saturation by 10% instead.


 218, 157, 161

 218, 157, 161

255, 255, 255

 190, 131, 135

 255, 212, 216

 162, 105, 110

 255, 240, 244

 135, 81, 85

 108, 57, 62


 83, 34, 40

 58, 12, 20


 38, 0, 1


 0, 0, 0

 218, 157, 161


 218, 157, 161

 218, 135, 141

 218, 179, 181

 218, 113, 120


 218, 201, 202

 218, 92, 100

 218, 220, 222

 218, 70, 80

 218, 232, 244

 218, 48, 59

 218, 237, 255

 218, 26, 39

 218, 4, 18

 218, 0, 14

Harmonies

Analogous

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



211, 158, 184



218, 157, 161



213, 169, 141

Triad

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



218, 157, 161



142, 181, 172



133, 162, 215

Complementary

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



218, 157, 161



157, 189, 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.



112, 152, 204



218, 157, 161



127, 162, 184

Square

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



218, 157, 161



131, 176, 130



111, 148, 185



163, 169, 215

Rectangle

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



218, 157, 161



204, 191, 133



111, 148, 185



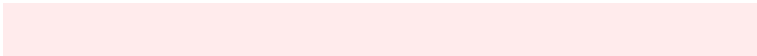
124, 158, 213

Sweetspot

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



218, 157, 161



255, 235, 236



214, 157, 218



128, 115, 116



0, 0, 0



128, 128, 128

Same Dimension

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



218, 157, 161



255, 168, 174



218, 202, 157



110, 99, 99



173, 0, 11



46, 0, 3

Inverse Universe

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



218, 157, 161



255, 168, 174



157, 179, 218



110, 99, 99



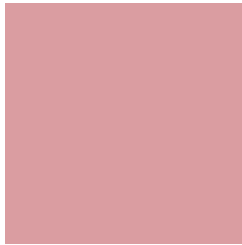
173, 0, 11



46, 0, 3

Previews

White Background



This preview shows how the RYB color 218, 157, 161 looks on a white background.

Color Contrast Check

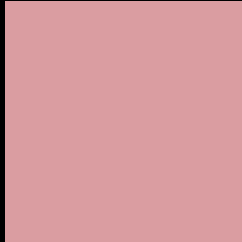
Large Text (above 18pt) WCAG AA × Fail

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, 157, 161 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](#).

R Y B 218, 157, 161 Background



This preview shows how black text looks on a background with the RYB color 218, 157, 161.



This preview shows how white text looks on a background with the RYB color 218, 157, 161.

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, 157, 161

Protanopia
177, 174, 169

Deuteranopia
195, 169, 159



Tritanopia
219, 156, 168

Trichromacy



Original Color

218, 157, 161

Protanomaly

192, 167, 166

Deuteranomaly

203, 163, 160

Tritanomaly

219, 156, 165

Monochromacy



Original Color

218, 157, 161

Achromatopsia

176, 176, 176

Achromatomaly

191, 169, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 157, 161 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, 157, 161) looks like.

```
.text, #text, p{  
    color:rgb(218, 157, 161)  
}
```

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, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 157, 161) }
```

Border

The CSS property to change the border of an element to RYB 218, 157, 161 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, 157, 161) }
```

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

```
.border{ border-color:rgb(218, 157, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 157, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 157, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 157, 161);  
box-shadow:4px 4px 4px 4px rgb(218, 157,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 218, 157, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 157, 161) }
```

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

```
.background{ background-color: rgb(218,  
157, 161) }
```

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