

Converting Colors

`RYB(218, 128, 128)`

Have a look what the booklet for
RYB(218, 128, 128) contains.

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Color

R_YB(218, 128, 128)

Conversions

Conversions Part 1

Format	Color
Hex	DA8080
RGB	218, 128, 128
RGB Percent	85%, 50%, 50%
CMY	0.1451, 0.4980, 0.4980
CMYK	0.00, 0.41, 0.41, 0.15
HSL	0°, 55%, 68%
HSV	0°, 41%, 85%
XYZ	40.5289, 31.9023, 24.4437
YIQ	154.9100, 53.6400, 19.0800

Conversions

Conversions Part 2

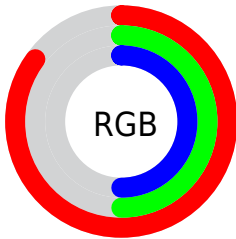
Format	Color
RYB	218, 128, 128
Decimal	14319744
CIELab	63.26, 34.69, 15.11
CIELCh	63, 37.838, 23.529
Yxy	31.9023, 0.4184, 0.3293
Android (android.graphics.Color)	4292509824 (0xFFDA8080)
YUV	154.9100, -13.2666, 55.3299
Hunter-Lab	56.4821, 29.2395, 13.8786

Details

The RYB color **218, 128, 128** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **128, 173, 218**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 182, 181**, and **160, 77, 79** is the 20% darker color. If you saturate the color by 10%, you get **218, 106, 106**, and if you desaturate by 10%, it is **218, 150, 150**.

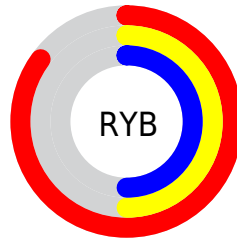
Distribution



Red (85%)

Green (50%)

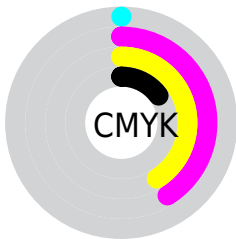
Blue (50%)



Red (85%)

Yellow (50%)

Blue (50%)

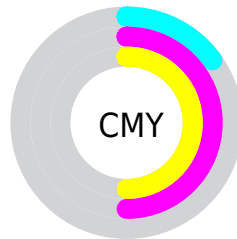


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (15%)



Cyan (15%)

Magenta (50%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 128, 128 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, 128, 128 by changing the saturation by 10% instead.

 218, 128, 128

 218, 128, 128

255, 255, 255

 189, 102, 103

 255, 182, 181

 160, 77, 79

 255, 210, 208

 132, 52, 56

 255, 239, 237

 104, 27, 35


 77, 0, 14

 52, 0, 0

 14, 0, 0


 0, 0, 0

 218, 128, 128


 218, 128, 128

 218, 106, 106


 218, 150, 150

 218, 84, 84


 218, 172, 172

 218, 63, 63

 218, 193, 193

 218, 41, 41

 218, 215, 215

 218, 19, 19

 218, 228, 237

 218, 0, 0

 218, 237, 255

Harmonies

Analogous

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



213, 127, 162



218, 128, 128



206, 157, 100

Triad

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



218, 128, 128



108, 163, 167



88, 134, 220

Complementary

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



218, 128, 128



128, 173, 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.



0, 92, 206



218, 128, 128



60, 122, 170

Square

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



218, 128, 128



90, 159, 101



0, 87, 179



146, 147, 215

Rectangle

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



218, 128, 128



173, 191, 89



0, 87, 179



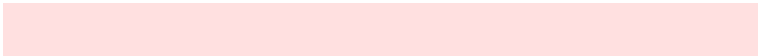
64, 124, 217

Sweetspot

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



218, 128, 128



255, 224, 224



218, 128, 218



128, 110, 110



0, 0, 0



128, 128, 128

Same Dimension

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



218, 128, 128



255, 128, 128



218, 218, 128



110, 99, 99



173, 0, 0



46, 0, 0

Inverse Universe

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



128, 173, 218



128, 192, 255



128, 158, 218



99, 105, 110



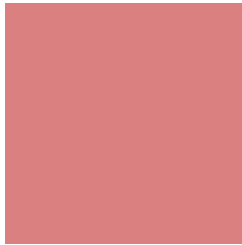
0, 87, 173



0, 23, 46

Previews

White Background



This preview shows how the RYB color 218, 128, 128 looks on a white background.

Color Contrast Check

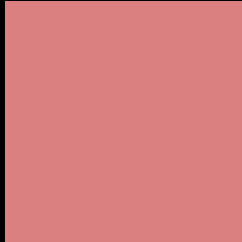
Large Text (above 18pt) WCAG AA × Fail

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, 128, 128 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, 128, 128 Background



This preview shows how black text looks on a background with the RYB color 218, 128, 128.



This preview shows how white text looks on a background with the RYB color 218, 128, 128.

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, 128, 128

Protanopia
150, 159, 141

Deuteranopia
178, 166, 125



Tritanopia
219, 127, 136

Trichromacy



Original Color
218, 128, 128

Protanomaly
180, 146, 136

Deuteranomaly
193, 145, 126

Tritanomaly
219, 127, 133

Monochromacy



Original Color
218, 128, 128

Achromatopsia
155, 155, 155

Achromatomaly
178, 145, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 128, 128 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, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(218, 128, 128)  
}
```

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, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 128, 128) }
```

Border

The CSS property to change the border of an element to RYB 218, 128, 128 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, 128, 128) }
```

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

```
.border{ border-color:rgb(218, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(218, 128,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 218, 128, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 128, 128) }
```

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

```
.background{ background-color: rgb(218,  
128, 128) }
```

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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