

Converting Colors

`RYB(212, 129, 131)`

Have a look what the booklet for RYB(212, 129, 131) contains.

RYB(212, 129, 131)	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

$\text{RYB}(212, 129, 131)$

Conversions

Conversions Part 1

Format	Color
Hex	D48183
RGB	212, 129, 131
RGB Percent	83%, 51%, 51%
CMY	0.1686, 0.4941, 0.4863
CMYK	0.00, 0.39, 0.38, 0.17
HSL	359°, 49%, 67%
HSV	359°, 39%, 83%
XYZ	39.0984, 31.3363, 25.4605
YIQ	154.0450, 48.8260, 18.2180

Conversions

Conversions Part 2

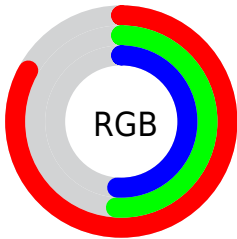
Format	Color
R _Y B	212, 129, 131
Decimal	13926787
CIE Lab	62.79, 32.24, 12.63
CIE LCh	63, 34.629, 21.391
Yxy	31.3363, 0.4077, 0.3268
Android (android.graphics.Color)	4292116867 (0xFFD48183)
YUV	154.0450, -11.3612, 50.8265
Hunter-Lab	55.9788, 26.7104, 12.2186

Details

The RYB color **212, 129, 131** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **129, 171, 212**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 183, 184**, and **155, 78, 82** is the 20% darker color. If you saturate the color by 10%, you get **212, 108, 110**, and if you desaturate by 10%, it is **212, 150, 152**.

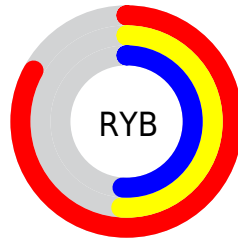
Distribution



Red (83%)

Green (51%)

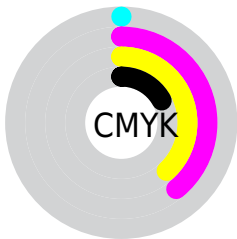
Blue (51%)



Red (83%)

Yellow (51%)

Blue (51%)

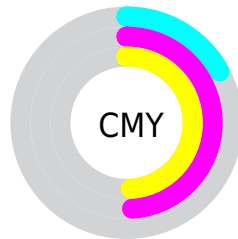


Cyan (0%)

Magenta (39%)

Yellow (38%)

Black (17%)



Cyan (17%)


Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 129, 131 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 212, 129, 131 by changing the saturation by 10% instead.


 212, 129, 131


255, 255, 255

 255, 183, 184

 255, 211, 212

 255, 239, 240

 212, 129, 131

 183, 103, 106

 155, 78, 82

 127, 54, 59

 100, 29, 37


 73, 3, 17

 49, 0, 0

 3, 0, 0

 0, 0, 0

 212, 129, 131

 212, 129, 131

■ 212, 108, 110

■ 212, 150, 152

■ 212, 87, 90

■ 212, 171, 172

■ 212, 65, 69

■ 212, 193, 193

■ 212, 44, 48

■ 212, 213, 214

■ 212, 23, 28

■ 212, 224, 235

■ 212, 2, 7

■ 212, 234, 255

■ 212, 0, 5

Harmonies

Analogous

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



206, 129, 162



212, 129, 131



202, 151, 105

Triad

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



212, 129, 131



112, 164, 162



92, 135, 212

Complementary

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



212, 129, 131



129, 171, 212

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.



36, 108, 199



212, 129, 131



74, 129, 168

Square

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



212, 129, 131



94, 157, 101



28, 99, 173



143, 147, 209

Rectangle

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



212, 129, 131



183, 189, 94



28, 99, 173



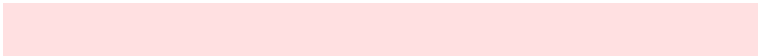
73, 126, 210

Sweetspot

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



212, 129, 131



255, 224, 225



209, 129, 212



128, 110, 110



0, 0, 0



128, 128, 128

Same Dimension

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



212, 129, 131



255, 135, 138



212, 203, 129



107, 96, 97



171, 0, 4



43, 0, 1

Inverse Universe

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



212, 129, 131



255, 135, 138



129, 158, 212



107, 96, 97



171, 0, 4



43, 0, 1

Previews

White Background



This preview shows how the RYB color 212, 129, 131 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 212, 129, 131 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 212, 129, 131 Background



This preview shows how black text looks on a background with the RYB color 212, 129, 131.



This preview shows how white text looks on a background with the RYB color 212, 129, 131.

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
212, 129, 131

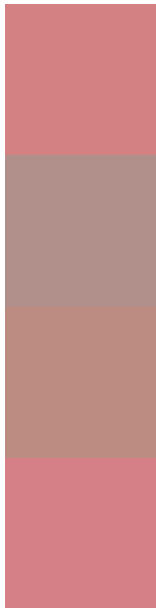
Protanopia
151, 157, 143

Deuteranopia
176, 159, 128



Tritanopia
213, 128, 137

Trichromacy



Original Color
212, 129, 131

Protanomaly
177, 145, 139

Deuteranomaly
189, 142, 129

Tritanomaly
213, 128, 135

Monochromacy



Original Color
212, 129, 131

Achromatopsia
154, 154, 154

Achromatomaly
175, 145, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 129, 131 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(212, 129, 131)` looks like.

```
.text, #text, p{  
    color:rgb(212, 129, 131)  
}
```

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(212, 129, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 129, 131) }
```

Border

The CSS property to change the border of an element to RYB 212, 129, 131 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(212, 129, 131) }
```

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

```
.border{ border-color:rgb(212, 129, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 129, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 129, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 129, 131);  
box-shadow:4px 4px 4px 4px rgb(212, 129,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 212, 129, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 129, 131) }
```

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

```
.background{ background-color: rgb(212,  
129, 131) }
```

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