

Converting Colors

`RYB(192, 130, 127)`

Have a look what the booklet for
RYB(192, 130, 127) contains.

RYB(192, 130, 127)	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(192, 130, 127)

Conversions

Conversions Part 1

Format	Color
Hex	C0827F
RGB	192, 130, 127
RGB Percent	75%, 51%, 50%
CMY	0.2471, 0.4907, 0.5020
CMYK	0.00, 0.32, 0.34, 0.25
HSL	3°, 34%, 63%
HSV	3°, 34%, 75%
XYZ	33.5340, 28.6688, 23.8449
YIQ	148.1960, 37.9150, 12.2110

Conversions

Conversions Part 2

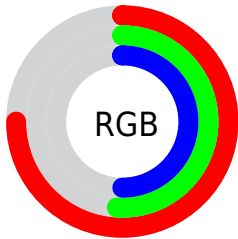
Format	Color
RYB	192, 130, 127
Decimal	12616319
CIELab	60.49, 23.62, 11.32
CIELCh	60, 26.191, 25.618
Yxy	28.6688, 0.3897, 0.3332
Android (android.graphics.Color)	4290806399 (0xFFC0827F)
YUV	148.1960, -10.4496, 38.4161
Hunter-Lab	53.5433, 18.0933, 11.0762

Details

The RYB color **192, 130, 127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **127, 159, 192**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **250, 183, 180**, and **137, 80, 78** is the 20% darker color. If you saturate the color by 10%, you get **192, 112, 108**, and if you desaturate by 10%, it is **192, 148, 146**.

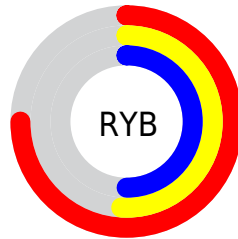
Distribution



Red (75%)

Green (51%)

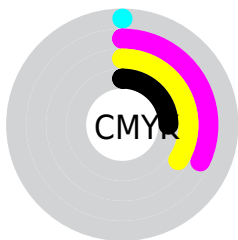
Blue (50%)



Red (75%)

Yellow (51%)

Blue (50%)

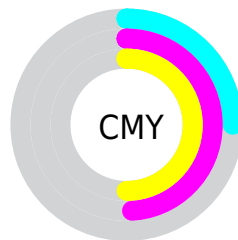


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (49%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 192, 130, 127 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 192, 130, 127 by changing the saturation by 10% instead.


 192, 130, 127


255, 255, 255

 250, 183, 180


 255, 211, 207

 255, 242, 235

 192, 130, 127

 164, 104, 102

 137, 80, 78

 110, 56, 55


 84, 33, 34


 59, 11, 12


 38, 0, 1

 0, 0, 0

 192, 130, 127

 192, 112, 108

 192, 130, 127

 192, 148, 146

■ 192, 93, 89

■ 192, 167, 165

■ 192, 75, 69

■ 192, 185, 185

■ 192, 56, 50

■ 192, 198, 204

■ 192, 38, 31

■ 192, 207, 223

■ 192, 20, 12

■ 192, 216, 242

■ 192, 8, 0

■ 192, 224, 255

Harmonies

Analogous

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



189, 129, 150



192, 130, 127



183, 149, 109

Triad

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



192, 130, 127



115, 152, 156



111, 137, 191

Complementary

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



192, 130, 127



127, 159, 192

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.



82, 124, 183



192, 130, 127



89, 128, 158

Square

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



192, 130, 127



104, 150, 113



73, 117, 165



145, 141, 187

Rectangle

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



192, 130, 127



156, 172, 101



73, 117, 165



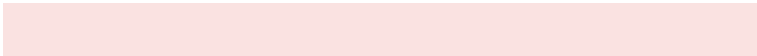
100, 133, 190

Sweetspot

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



192, 130, 127



250, 226, 225



192, 127, 190



125, 111, 110



252, 252, 252



125, 125, 125

Same Dimension

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



192, 130, 127



250, 152, 147



183, 192, 127



97, 88, 87



161, 7, 0



33, 1, 0

Inverse Universe

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



127, 159, 192



147, 197, 250



127, 148, 192



87, 92, 97



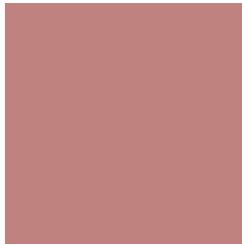
0, 79, 161



0, 16, 33

Previews

White Background



This preview shows how the RYB color 192, 130, 127 looks on a white background.

Color Contrast Check

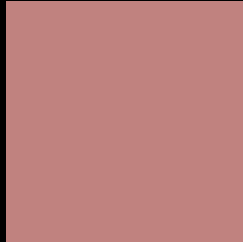
Large Text (above 18pt) WCAG AA ✓ Pass

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 192, 130, 127 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 192, 130, 127 Background



This preview shows how black text looks on a background with the RYB color 192, 130, 127.

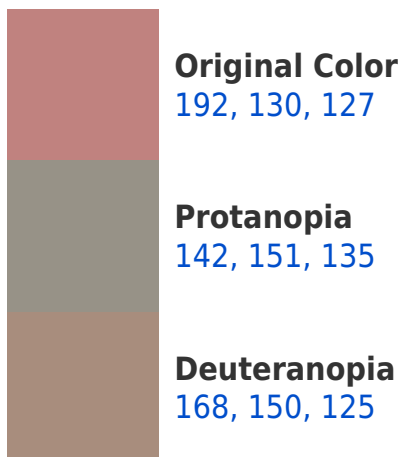


This preview shows how white text looks on a background with the RYB color 192, 130, 127.

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
193, 128, 138

Trichromacy



Original Color
192, 130, 127

Protanomaly
166, 142, 132

Deuteranomaly
177, 140, 126

Tritanomaly
193, 129, 134

Monochromacy



Original Color
192, 130, 127

Achromatopsia
148, 148, 148

Achromatomaly
164, 141, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 130, 127 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(192, 130, 127)` looks like.

```
.text, #text, p{  
    color:rgb(192, 130, 127)  
}
```

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(192, 130, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 130, 127) }
```

Border

The CSS property to change the border of an element to RYB 192, 130, 127 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(192, 130, 127) }
```

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

```
.border{ border-color:rgb(192, 130, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 130, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 130, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 130, 127); box-shadow:4px 4px 4px 4px rgb(192, 130, 127) }
```

Background

The CSS property to change the background color of an element to RYB 192, 130, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 130, 127) }
```

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

```
.background{ background-color: rgb(192,  
130, 127) }
```

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