

Converting Colors

`RYB(206, 135, 107)`

Have a look what the booklet for
RYB(206, 135, 107) contains.

RYB(206, 135, 107)	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(206, 135, 107)

Conversions

Conversions Part 1

Format	Color
Hex	CE816B
RGB	206, 129, 107
RGB Percent	81%, 51%, 42%
CMY	0.1922, 0.4948, 0.5804
CMYK	0.00, 0.37, 0.48, 0.19
HSL	13°, 50%, 61%
HSV	13°, 48%, 81%
XYZ	35.9349, 29.8383, 17.7753
YIQ	149.5150, 52.9540, 9.4820

Conversions

Conversions Part 2

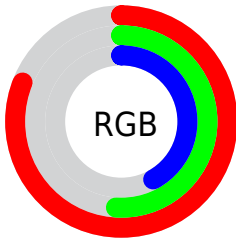
Format	Color
RYB	206, 135, 107
Decimal	13533547
CIELab	61.51, 27.43, 24.34
CIELCh	62, 36.672, 41.581
Yxy	29.8383, 0.4301, 0.3571
Android (android.graphics.Color)	4291723627 (0xFFCE816B)
YUV	149.5150, -20.9599, 49.5373
Hunter-Lab	54.6244, 21.8343, 18.9436

Details

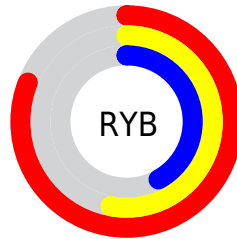
The RYB color **206, 135, 107** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **107, 150, 206**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 191, 159**, and **149, 85, 59** is the 20% darker color. If you saturate the color by 10%, you get **206, 121, 86**, and if you desaturate by 10%, it is **206, 150, 128**.

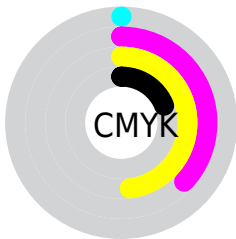
Distribution



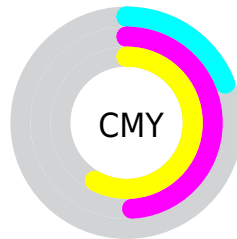
- Red (81%)
- Green (51%)
- Blue (42%)



- Red (81%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (19%)



- Cyan (19%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 135, 107 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 206, 135, 107 by changing the saturation by 10% instead.

 206, 135, 107


255, 255, 255

 255, 189, 159

 255, 223, 186


 239, 255, 213

 242, 255, 242

 206, 135, 107

 177, 108, 83

 149, 85, 59

 121, 60, 37

 93, 34, 17


 67, 8, 0


 43, 0, 0

 0, 0, 0

 206, 135, 107

 206, 121, 86

 206, 135, 107

 206, 150, 128

■ 206, 106, 66

■ 206, 165, 148

■ 206, 91, 45

■ 206, 179, 169

■ 206, 76, 25

■ 206, 194, 189

■ 206, 62, 4

■ 206, 208, 210

■ 206, 58, 0

■ 206, 217, 231

■ 206, 226, 251

■ 206, 231, 255

Harmonies

Analogous

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



211, 123, 137



206, 135, 107



173, 186, 87

Triad

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



206, 135, 107



79, 133, 164



121, 141, 212

Complementary

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



206, 135, 107



107, 150, 206

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.



59, 118, 209



206, 135, 107



14, 92, 166

Square

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



206, 135, 107



99, 159, 137



0, 88, 191



168, 135, 197

Rectangle

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



206, 135, 107



111, 168, 83



0, 88, 191



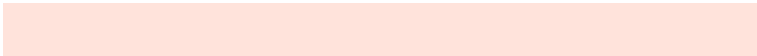
102, 136, 213

Sweetspot

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



206, 135, 107



255, 229, 219



206, 107, 185



128, 112, 106



0, 0, 0



128, 128, 128

Same Dimension

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



206, 135, 107



255, 149, 107



146, 206, 107



102, 95, 92



166, 48, 0



38, 10, 0

Inverse Universe

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



107, 150, 206



107, 172, 255



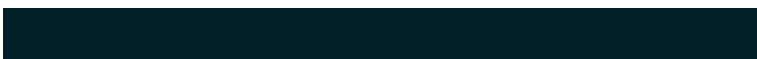
107, 129, 206



92, 96, 102



0, 73, 166



0, 17, 38

Previews

White Background



This preview shows how the RYB color 206, 135, 107 looks on a white background.

Color Contrast Check

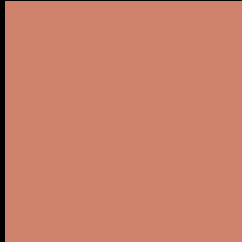
Large Text (above 18pt) WCAG AA ✓ Pass

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 206, 135, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

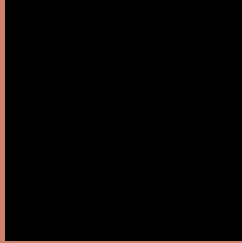
Any Text WCAG AA ✓ Pass

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 206, 135, 107 Background



This preview shows how black text looks on a background with the RYB color 206, 135, 107.

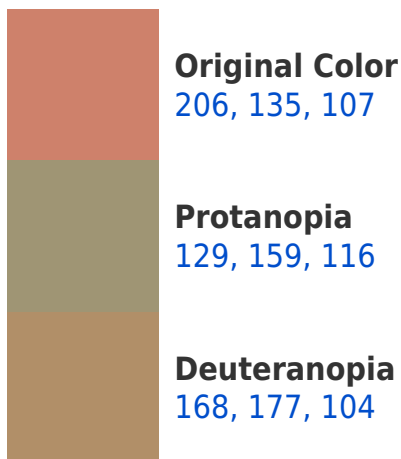


This preview shows how white text looks on a background with the RYB color 206, 135, 107.

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
208, 125, 134

Trichromacy



Original Color
206, 135, 107

Protanomaly
176, 167, 113

Deuteranomaly
188, 160, 105

Tritanomaly
207, 126, 124

Monochromacy



Original Color
206, 135, 107

Achromatopsia
149, 149, 149

Achromatomaly
170, 144, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 135, 107 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(206, 129, 107)` looks like.

```
.text, #text, p{  
    color:rgb(206, 129, 107)  
}
```

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(206, 129, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 129, 107) }
```

Border

The CSS property to change the border of an element to RYB 206, 135, 107 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(206, 129, 107) }
```

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

```
.border{ border-color:rgb(206, 129, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 129, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 129, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 129, 107);  
box-shadow:4px 4px 4px 4px rgb(206, 129,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 206, 135, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 129, 107) }
```

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

```
.background{ background-color: rgb(206,  
129, 107) }
```

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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