

Converting Colors

`RYB(206, 141, 101)`

Have a look what the booklet for
RYB(206, 141, 101) contains.

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Color

R_YB(206, 141, 101)

Conversions

Conversions Part 1

Format	Color
Hex	CE8265
RGB	206, 130, 101
RGB Percent	81%, 51%, 40%
CMY	0.1922, 0.4903, 0.6039
CMYK	0.00, 0.37, 0.51, 0.19
HSL	17°, 52%, 60%
HSV	17°, 51%, 81%
XYZ	35.7806, 30.0175, 16.2200
YIQ	149.4180, 54.6050, 7.0930

Conversions

Conversions Part 2

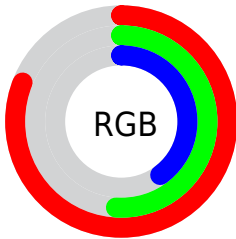
Format	Color
R _Y B	206, 141, 101
Decimal	13533797
CIE Lab	61.67, 26.25, 27.89
CIE LCh	62, 38.298, 46.741
Yxy	30.0175, 0.4363, 0.3660
Android (android.graphics.Color)	4291723877 (0xFFCE8265)
YUV	149.4180, -23.8701, 49.6224
Hunter-Lab	54.7882, 20.6938, 20.7990

Details

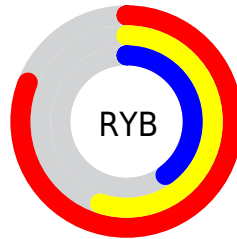
The RYB color **206, 141, 101** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **101, 145, 206**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 198, 152**, and **148, 90, 54** is the 20% darker color. If you saturate the color by 10%, you get **206, 128, 80**, and if you desaturate by 10%, it is **206, 154, 122**.

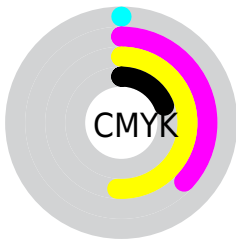
Distribution



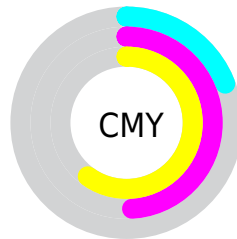
- Red (81%)
- Green (51%)
- Blue (40%)



- Red (81%)
- Yellow (55%)
- Blue (40%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (19%)



- Cyan (19%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 141, 101 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, 141, 101 by changing the saturation by 10% instead.

 206, 141, 101

255, 255, 255

 255, 196, 152

 255, 234, 179

 229, 255, 207

 235, 255, 235

 206, 141, 101

 177, 114, 77

 148, 90, 54

 120, 65, 32

 93, 43, 9


 66, 10, 0


 42, 0, 0

 0, 0, 0

 206, 141, 101

 206, 128, 80

 206, 141, 101

 206, 154, 122

■ 206, 115, 60

■ 206, 167, 142

■ 206, 102, 39

■ 206, 180, 163

■ 206, 89, 19

■ 206, 193, 183

■ 206, 79, 0

■ 206, 206, 204

■ 206, 214, 225

■ 206, 222, 245

■ 206, 229, 255

■ 206, 231, 255

Harmonies

Analogous

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



214, 122, 131



206, 141, 101



155, 184, 83

Triad

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



206, 141, 101



66, 126, 166



129, 143, 214

Complementary

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



206, 141, 101



101, 145, 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.



64, 121, 214



206, 141, 101



0, 84, 167

Square

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



206, 141, 101



101, 161, 149



0, 89, 197



176, 133, 196

Rectangle

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



206, 141, 101



97, 163, 80



0, 89, 197



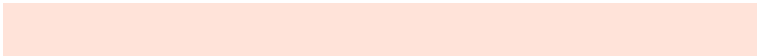
110, 139, 216

Sweetspot

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



206, 141, 101



255, 231, 217



206, 101, 178



128, 113, 105



0, 0, 0



128, 128, 128

Same Dimension

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



206, 141, 101



255, 158, 99



134, 206, 101



102, 96, 92



166, 64, 0



38, 15, 0

Inverse Universe

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



101, 145, 206



99, 165, 255



101, 121, 206



92, 96, 102



0, 70, 166



0, 16, 38

Previews

White Background



This preview shows how the RYB color 206, 141, 101 looks on a white background.

Color Contrast Check

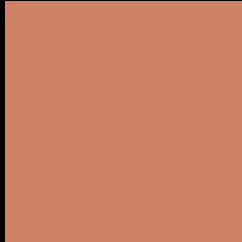
Large Text (above 18pt) WCAG AA ✓ Pass

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, 141, 101 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 206, 141, 101 Background



This preview shows how black text looks on a background with the RYB color 206, 141, 101.



This preview shows how white text looks on a background with the RYB color 206, 141, 101.

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
206, 141, 101

Protanopia
123, 160, 109

Deuteranopia
164, 179, 99



Tritanopia
209, 125, 135

Trichromacy



Original Color

206, 141, 101

Protanomaly

175, 177, 106

Deuteranomaly

189, 166, 100

Tritanomaly

208, 127, 123

Monochromacy



Original Color

206, 141, 101

Achromatopsia

149, 149, 149

Achromatomaly

170, 146, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 141, 101 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, 130, 101)` looks like.

```
.text, #text, p{  
    color:rgb(206, 130, 101)  
}
```

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, 130, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 130, 101) }
```

Border

The CSS property to change the border of an element to RYB 206, 141, 101 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, 130, 101) }
```

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

```
.border{ border-color:rgb(206, 130, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 130, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 130, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 130, 101);  
box-shadow:4px 4px 4px 4px rgb(206, 130,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 206, 141, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 130, 101) }
```

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

```
.background{ background-color: rgb(206,  
130, 101) }
```

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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