

Converting Colors

`RYB(201, 205, 125)`

Have a look what the booklet for
RYB(201, 205, 125) contains.

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Color

R_YB(201, 205, 125)

Conversions

Conversions Part 1

Format	Color
Hex	CDA67D
RGB	205, 166, 125
RGB Percent	80%, 65%, 49%
CMY	0.1961, 0.3489, 0.5098
CMYK	0.00, 0.19, 0.39, 0.20
HSL	31°, 44%, 65%
HSV	31°, 39%, 80%
XYZ	42.5194, 41.7416, 25.2180
YIQ	172.9870, 36.4050, -4.4830

Conversions

Conversions Part 2

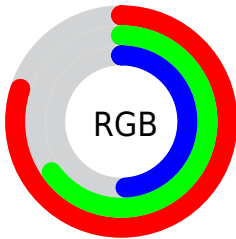
Format	Color
RYB	201, 205, 125
Decimal	13477501
CIELab	70.69, 8.73, 26.65
CIELCh	71, 28.039, 71.865
Yxy	41.7416, 0.3884, 0.3813
Android (android.graphics.Color)	4291667581 (0xFFCDA67D)
YUV	172.9870, -23.6576, 28.0754
Hunter-Lab	64.6077, 4.4103, 22.0831

Details

The RYB color **201, 205, 125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125, 151, 205**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **239, 255, 178**, and **143, 149, 76** is the 20% darker color. If you saturate the color by 10%, you get **201, 205, 105**, and if you desaturate by 10%, it is **203, 205, 146**.

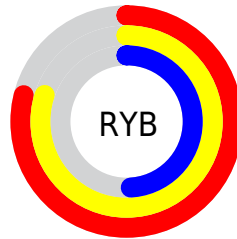
Distribution



Red (80%)

Green (65%)

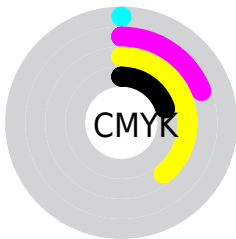
Blue (49%)



Red (79%)

Yellow (80%)

Blue (49%)

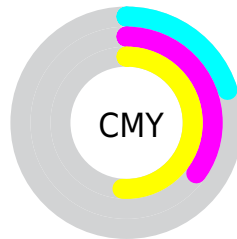


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (20%)



Cyan (20%)


Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 205, 125 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 201, 205, 125 by changing the saturation by 10% instead.

 201, 205, 125


255, 255, 255


 239, 255, 178


 212, 255, 206

 234, 255, 234

 201, 205, 125

 171, 177, 100

 143, 149, 76

 111, 122, 52

 85, 96, 30

 54, 71, 7

 45, 47, 0

 22, 0, 0

 0, 0, 0

 201, 205, 125

 201, 205, 125

 201, 205, 105

 203, 205, 146

 199, 205, 84

 203, 205, 166

 197, 205, 63

 205, 205, 187

 197, 205, 43

 205, 206, 207

 195, 205, 22

 205, 212, 227

 195, 205, 2

 205, 219, 248

 195, 205, 0

 205, 224, 255

 205, 228, 255

 205, 230, 255

Harmonies

Analogous

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



221, 163, 140



201, 205, 125



130, 181, 123

Triad

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



201, 205, 125



100, 145, 187



189, 163, 211

Complementary

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



201, 205, 125



125, 151, 205

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.



155, 169, 223



201, 205, 125



96, 145, 206

Square

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



201, 205, 125



123, 164, 186



119, 157, 221



214, 156, 189

Rectangle

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



201, 205, 125



129, 180, 147



119, 157, 221



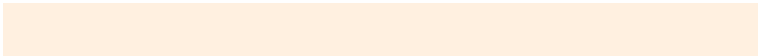
179, 166, 216

Sweetspot

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



201, 205, 125



253, 255, 224



205, 125, 165



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



201, 205, 125



247, 255, 135



125, 205, 125



102, 102, 92



158, 166, 0



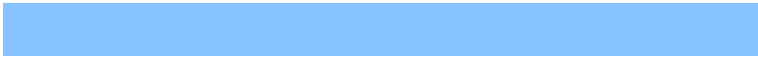
34, 38, 0

Inverse Universe

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



125, 151, 205



135, 175, 255



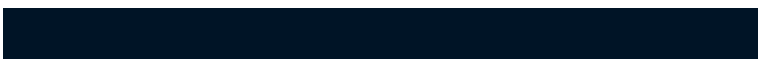
125, 125, 205



92, 95, 102



0, 54, 166



0, 13, 38

Previews

White Background



This preview shows how the RYB color 201, 205, 125 looks on a white background.

Color Contrast Check

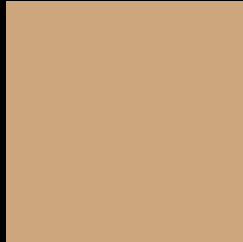
Large Text (above 18pt) WCAG AA × Fail

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 201, 205, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

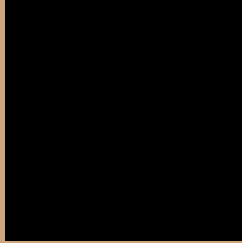
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

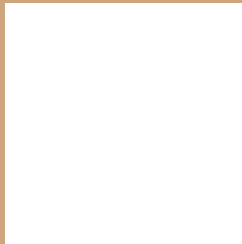
Any Text WCAG AAA ✓ Pass

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

RYB 201, 205, 125 Background



This preview shows how black text looks on a background with the RYB color 201, 205, 125.




This preview shows how white text looks on a background with the RYB color 201, 205, 125.

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](#).

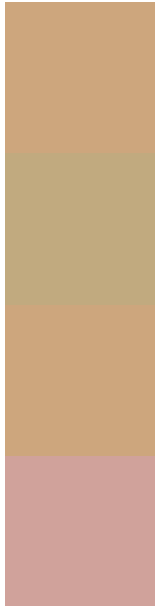
Dichromacy

	Original Color 201, 205, 125
	Protanopia 145, 186, 128
	Deuteranopia 201, 205, 125



Tritanopia
210, 160, 172

Trichromacy



Original Color
201, 205, 125

Protanomaly
162, 193, 127

Deuteranomaly
201, 205, 125

Tritanomaly
208, 163, 155

Monochromacy



Original Color
201, 205, 125

Achromatopsia
173, 173, 173

Achromatomaly
185, 183, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 205, 125 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(205, 166, 125) looks like.

```
.text, #text, p{  
    color:rgb(205, 166, 125)  
}
```

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(205, 166, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 166, 125) }
```

Border

The CSS property to change the border of an element to RYB 201, 205, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

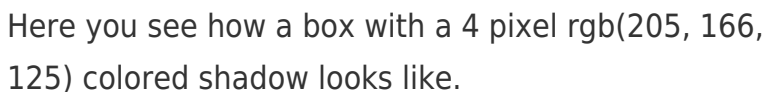
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 166, 125) }
```

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

```
.border{ border-color:rgb(205, 166, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 166, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 166, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 166, 125);  
box-shadow:4px 4px 4px 4px rgb(205, 166,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 205, 166, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 166, 125) }
```

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

```
.background{ background-color: rgb(205,  
166, 125) }
```

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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