

Converting Colors

`RYB(214, 216, 125)`

Have a look what the booklet for
RYB(214, 216, 125) contains.

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Color

R_YB(214, 216, 125)

Conversions

Conversions Part 1

Format	Color
Hex	D8AB7D
RGB	216, 171, 125
RGB Percent	85%, 67%, 49%
CMY	0.1529, 0.3294, 0.5098
CMYK	0.00, 0.21, 0.42, 0.15
HSL	30°, 54%, 67%
HSV	30°, 42%, 85%
XYZ	46.5845, 45.2075, 25.6727
YIQ	179.2110, 41.5860, -4.7660

Conversions

Conversions Part 2

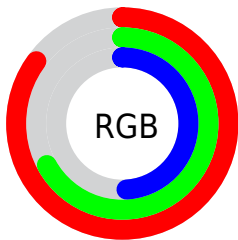
Format	Color
R_{YB}	214, 216, 125
Decimal	14199677
CIE _{Lab}	73.03, 10.48, 29.94
CIE _{LCh}	73, 31.720, 70.714
Yxy	45.2075, 0.3966, 0.3849
Android (android.graphics.Color)	4292389757 (0xFFD8AB7D)
YUV	179.2110, -26.7260, 32.2640
Hunter-Lab	67.2365, 6.0090, 24.4271

Details

The RYB color **214, 216, 125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125, 155, 216**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **225, 255, 178**, and **151, 159, 75** is the 20% darker color. If you saturate the color by 10%, you get **214, 216, 103**, and if you desaturate by 10%, it is **214, 216, 147**.

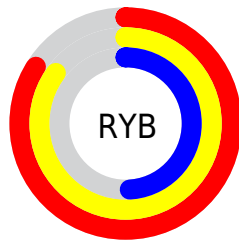
Distribution



Red (85%)

Green (67%)

Blue (49%)



Red (84%)

Yellow (85%)

Blue (49%)

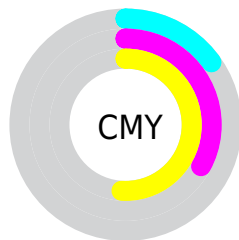


Cyan (0%)

Magenta (21%)

Yellow (42%)

Black (15%)



Cyan (15%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 216, 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 214, 216, 125 by changing the saturation by 10% instead.

 214, 216, 125


255, 255, 255


 225, 255, 178

 206, 255, 206


 234, 255, 234

 214, 216, 125

 181, 187, 100

 151, 159, 75

 124, 132, 52

 91, 105, 29

 60, 79, 6

 54, 54, 0

 31, 2, 0

 0, 0, 0

 214, 216, 125

 214, 216, 125

 214, 216, 103

 214, 216, 147

 212, 216, 82


 216, 216, 168

 212, 216, 60


 216, 216, 190

 214, 216, 39

 214, 216, 211

 210, 216, 17

 216, 221, 233

 212, 216, 0

 216, 229, 255

 216, 233, 255

 216, 236, 255

Harmonies

Analogous

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



233, 167, 143



214, 216, 125



131, 189, 122

Triad

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



214, 216, 125



93, 146, 195



197, 168, 223

Complementary

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



214, 216, 125



125, 155, 216

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.



157, 174, 236



214, 216, 125



86, 145, 216

Square

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



214, 216, 125



123, 170, 194



114, 159, 233



225, 160, 199

Rectangle

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



214, 216, 125



129, 186, 147



114, 159, 233



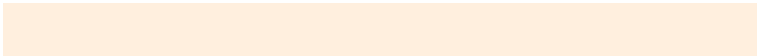
184, 172, 229

Sweetspot

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



214, 216, 125



253, 255, 222



216, 125, 171



128, 126, 107



0, 0, 0



128, 128, 128

Same Dimension

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



214, 216, 125



251, 255, 125



125, 216, 125



105, 107, 96



169, 171, 0



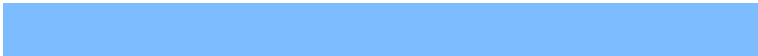
41, 43, 0

Inverse Universe

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



125, 155, 216



125, 168, 255



125, 125, 216



96, 100, 107



0, 56, 171



0, 14, 43

Previews

White Background



This preview shows how the RYB color 214, 216, 125 looks on a white background.

Color Contrast Check

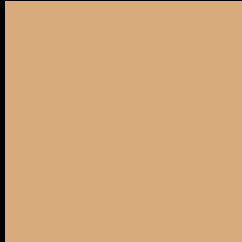
Large Text (above 18pt) WCAG AA × Fail

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 214, 216, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

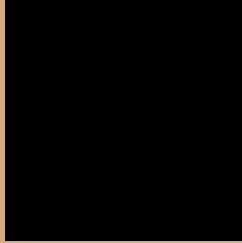
Any Text WCAG AA ✓ Pass

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](#).

R Y B 214, 216, 125 Background



This preview shows how black text looks on a background with the RYB color 214, 216, 125.




This preview shows how white text looks on a background with the RYB color 214, 216, 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](#).

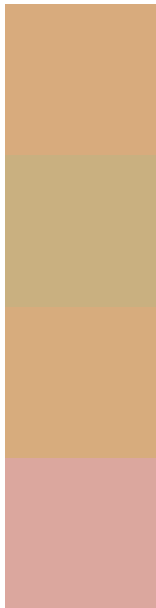
Dichromacy

	Original Color 214, 216, 125
	Protanopia 147, 193, 129
	Deuteranopia 205, 214, 125



Tritanopia
221, 164, 177

Trichromacy



Original Color
214, 216, 125

Protanomaly
166, 201, 128

Deuteranomaly
207, 215, 125

Tritanomaly
219, 169, 158

Monochromacy



Original Color
214, 216, 125

Achromatopsia
179, 179, 179

Achromatomaly
190, 192, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 216, 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(216, 171, 125)` looks like.

```
.text, #text, p{  
    color:rgb(216, 171, 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(216, 171, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 171, 125) }
```

Border

The CSS property to change the border of an element to RYB 214, 216, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

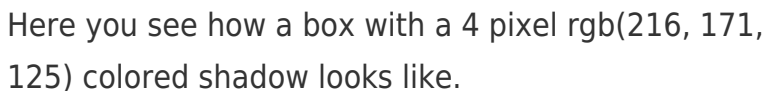
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 171, 125) }
```

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

```
.border{ border-color:rgb(216, 171, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 171, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 171, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 171, 125);  
box-shadow:4px 4px 4px 4px rgb(216, 171,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 216, 171, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 171, 125) }
```

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

```
.background{ background-color: rgb(216,  
171, 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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