

Converting Colors

`RYB(214, 161, 181)`

Have a look what the booklet for
RYB(214, 161, 181) contains.

RYB(214, 161, 181)	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

`RYB(214, 161, 181)`

Conversions

Conversions Part 1	
Format	Color
Hex	D6A1B5
RGB	214, 161, 181
RGB Percent	84%, 63%, 71%
CMY	0.1608, 0.3686, 0.2902
CMYK	0.00, 0.25, 0.15, 0.16
HSL	337°, 39%, 74%
HSV	337°, 25%, 84%
XYZ	48.8169, 43.1221, 49.4665
YIQ	179.1270, 25.1680, 17.4560

Conversions

Conversions Part 2

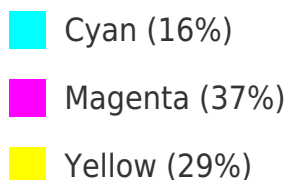
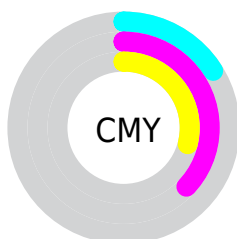
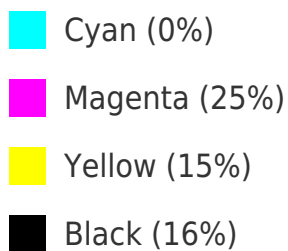
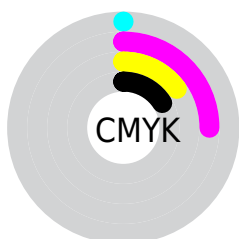
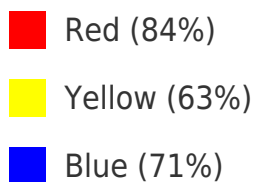
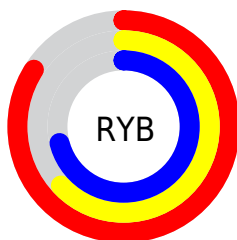
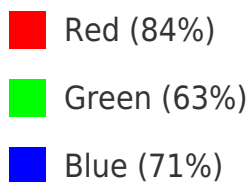
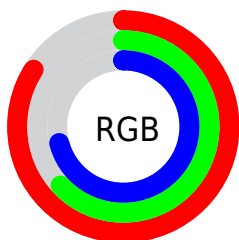
Format	Color
RYB	214, 161, 181
Decimal	14066101
CIELab	71.64, 22.67, -2.65
CIELCh	72, 22.824, 353.333
Yxy	43.1221, 0.3452, 0.3050
Android (android.graphics.Color)	4292256181 (0xFFD6A1B5)
YUV	179.1270, 0.9234, 30.5836
Hunter-Lab	65.6674, 17.7783, 1.3047

Details

The RYB color **214, 161, 181** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161, 194, 214**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 216, 237**, and **159, 109, 128** is the 20% darker color. If you saturate the color by 10%, you get **214, 140, 168**, and if you desaturate by 10%, it is **214, 182, 194**.


Distribution



Brightness & Saturation Gradients

These gradients show how the RYB color 214, 161, 181 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, 161, 181 by changing the saturation by 10% instead.


 214, 161, 181

255, 255, 255

 255, 216, 237

 255, 245, 255


 214, 161, 181

 186, 135, 154

 159, 109, 128

 132, 84, 103

 106, 61, 79

 81, 38, 56


 57, 16, 35

 37, 0, 13

 0, 0, 0

 214, 161, 181

 214, 161, 181

 214, 140, 168

 214, 182, 194

 214, 118, 154

 214, 204, 208

 214, 97, 141

 214, 221, 225

 214, 75, 128

 214, 235, 247

 214, 54, 114

 214, 236, 255

 214, 33, 101

 214, 235, 255

 214, 11, 88

 214, 0, 81

Harmonies

Analogous

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



198, 165, 201



214, 161, 181



218, 161, 160

Triad

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



214, 161, 181



137, 179, 142



123, 159, 208

Complementary

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



214, 161, 181



161, 194, 214

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.



117, 153, 191



214, 161, 181



150, 184, 184

Square

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



214, 161, 181



171, 196, 134



129, 163, 187



145, 168, 216

Rectangle

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



214, 161, 181



215, 169, 148



129, 163, 187



119, 156, 203

Sweetspot

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



214, 161, 181



255, 237, 244



194, 161, 214



128, 117, 121



0, 0, 0



128, 128, 128

Same Dimension

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



214, 161, 181



255, 179, 207



214, 168, 161



107, 96, 100



171, 0, 64



43, 0, 16

Inverse Universe

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



214, 161, 181



255, 179, 207



161, 186, 214



107, 96, 100



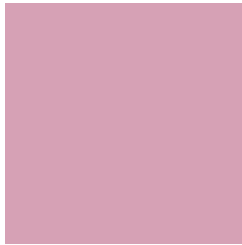
171, 0, 64



43, 0, 16

Previews

White Background



This preview shows how the RYB color 214, 161, 181 looks on a white background.

Color Contrast Check

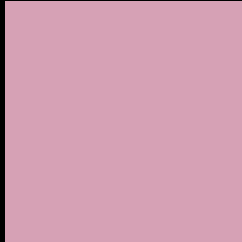
Large Text (above 18pt) WCAG AA × Fail

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, 161, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

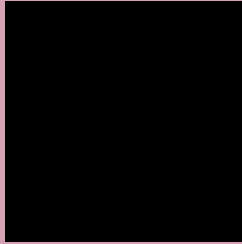
Any Text WCAG AA ✓ Pass

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 214, 161, 181 Background



This preview shows how black text looks on a background with the RYB color 214, 161, 181.



This preview shows how white text looks on a background with the RYB color 214, 161, 181.

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, 161, 181

Protanopia
175, 175, 189

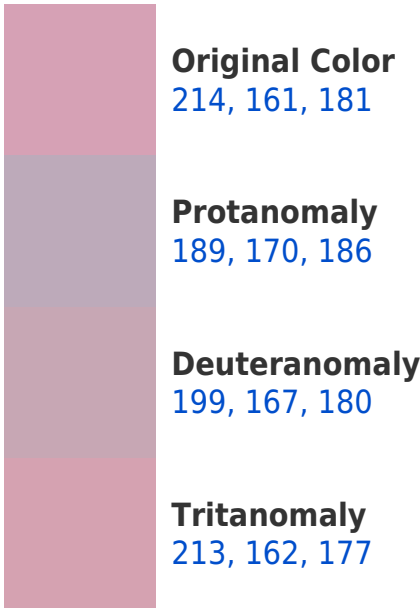
Deuteranopia
191, 170, 179



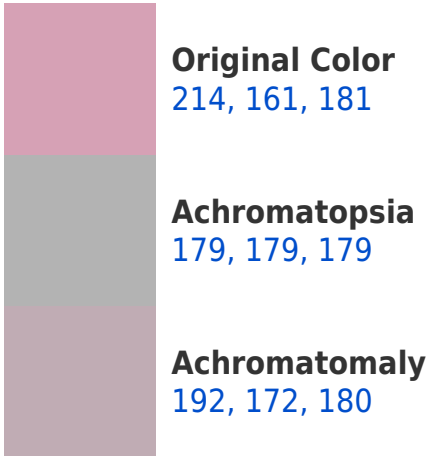
Tritanopia

213, 162, 175

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 161, 181 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(214, 161, 181) looks like.

```
.text, #text, p{  
    color:rgb(214, 161, 181)  
}
```

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(214, 161, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 161, 181) }
```

Border

The CSS property to change the border of an element to RYB 214, 161, 181 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(214, 161, 181) }
```

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

```
.border{ border-color:rgb(214, 161, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 161, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 161, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 161, 181);  
box-shadow:4px 4px 4px 4px rgb(214, 161,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 214, 161, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 161, 181) }
```

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

```
.background{ background-color: rgb(214,  
161, 181) }
```

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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