

Converting Colors

`RYB(212, 129, 145)`

Have a look what the booklet for RYB(212, 129, 145) contains.

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Color

$\text{RYB}(212, 129, 145)$

Conversions

Conversions Part 1

Format	Color
Hex	D48191
RGB	212, 129, 145
RGB Percent	83%, 51%, 57%
CMY	0.1686, 0.4941, 0.4314
CMYK	0.00, 0.39, 0.32, 0.17
HSL	348°, 49%, 67%
HSV	348°, 39%, 83%
XYZ	40.1125, 31.7419, 30.8007
YIQ	155.6410, 44.3320, 22.5720

Conversions

Conversions Part 2

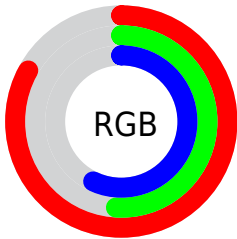
Format	Color
R_{YB}	212, 129, 145
Decimal	13926801
CIE _{Lab}	63.13, 33.97, 5.14
CIE _{LCh}	63, 34.359, 8.603
Yxy	31.7419, 0.3908, 0.3092
Android (android.graphics.Color)	4292116881 (0xFFD48191)
YUV	155.6410, -5.2460, 49.4268
Hunter-Lab	56.3399, 28.4921, 7.0245

Details

The RYB color **212, 129, 145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **129, 175, 212**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 183, 199**, and **155, 78, 95** is the 20% darker color. If you saturate the color by 10%, you get **212, 108, 128**, and if you desaturate by 10%, it is **212, 150, 162**.

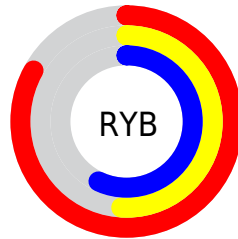
Distribution



Red (83%)

Green (51%)

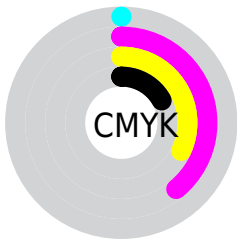
Blue (57%)



Red (83%)

Yellow (51%)

Blue (57%)

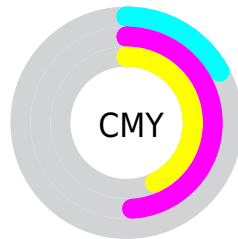


Cyan (0%)

Magenta (39%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (49%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 129, 145 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 212, 129, 145 by changing the saturation by 10% instead.

 212, 129, 145

 212, 129, 145

255, 255, 255

 183, 103, 119


 255, 183, 199

 155, 78, 95

 255, 211, 227

 128, 53, 71

 255, 240, 255

 101, 29, 49


 75, 1, 28


 51, 0, 0

 11, 0, 0

 0, 0, 0


 212, 129, 145

 212, 129, 145

 212, 108, 128

 212, 150, 162

 212, 87, 111

 212, 171, 179

 212, 65, 94

 212, 193, 196

 212, 44, 77

 212, 213, 214

 212, 23, 59

 212, 225, 235

 212, 2, 42

 212, 235, 255

 212, 0, 41

 212, 234, 255

Harmonies

Analogous

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



198, 132, 176



212, 129, 145



209, 138, 116

Triad

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



212, 129, 145



104, 162, 135



70, 125, 209

Complementary

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



212, 129, 145



129, 175, 212

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.



25, 102, 190



212, 129, 145



93, 143, 167

Square

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



212, 129, 145



104, 164, 92



51, 112, 169



123, 146, 213

Rectangle

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



212, 129, 145



199, 164, 102



51, 112, 169



52, 116, 204

Sweetspot

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



212, 129, 145



255, 224, 230



195, 129, 212



128, 110, 113



0, 0, 0



128, 128, 128

Same Dimension

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



212, 129, 145



255, 135, 158



212, 165, 129



107, 96, 98



171, 0, 33



43, 0, 8

Inverse Universe

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



212, 129, 145



255, 135, 158



129, 163, 212



107, 96, 98



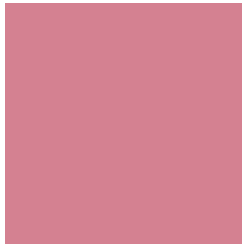
171, 0, 33



43, 0, 8

Previews

White Background



This preview shows how the RYB color 212, 129, 145 looks on a white background.

Color Contrast Check

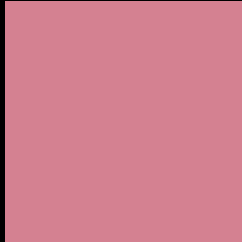
Large Text (above 18pt) WCAG AA × Fail

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 212, 129, 145 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 212, 129, 145 Background



This preview shows how black text looks on a background with the RYB color 212, 129, 145.

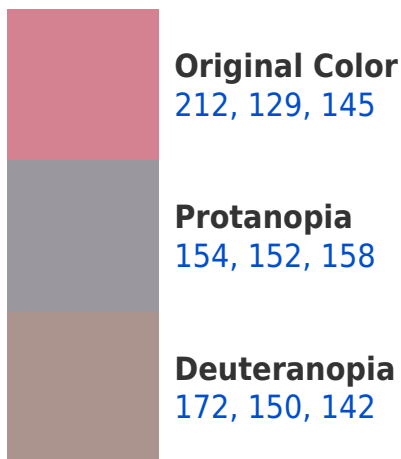



This preview shows how white text looks on a background with the RYB color 212, 129, 145.

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
211, 130, 140

Trichromacy



Original Color

212, 129, 145

Protanomaly

175, 144, 153

Deuteranomaly

187, 141, 143

Tritanomaly

211, 130, 142

Monochromacy



Original Color

212, 129, 145

Achromatopsia

156, 156, 156

Achromatomaly

176, 146, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 129, 145 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(212, 129, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 129, 145)  
}
```

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(212, 129, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 129, 145) }
```

Border

The CSS property to change the border of an element to RYB 212, 129, 145 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(212, 129, 145) }
```

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

```
.border{ border-color:rgb(212, 129, 145) }
```

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

Here you see how a box with a 4 pixel rgb(212, 129, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 129, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 129, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 129,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 212, 129, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 129, 145) }
```

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

```
.background{ background-color: rgb(212,  
129, 145) }
```

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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