

Converting Colors

`RYB(190, 121, 212)`

Have a look what the booklet for
RYB(190, 121, 212) contains.

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Color

$\text{RYB}(190, 121, 212)$

Conversions

Conversions Part 1

Format	Color
Hex	BE79D4
RGB	190, 121, 212
RGB Percent	75%, 47%, 83%
CMY	0.2549, 0.5255, 0.1686
CMYK	0.10, 0.43, 0.00, 0.17
HSL	285°, 51%, 65%
HSV	285°, 43%, 83%
XYZ	39.9562, 29.3754, 65.8514
YIQ	152.0050, 11.9130, 42.9290

Conversions

Conversions Part 2

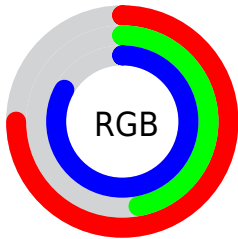
Format	Color
RYB	190, 121, 212
Decimal	12483028
CIELab	61.11, 42.18, -36.18
CIELCh	61, 55.574, 319.376
Yxy	29.3754, 0.2956, 0.2173
Android (android.graphics.Color)	4290673108 (0xFFBE79D4)
YUV	152.0050, 29.5775, 33.3216
Hunter-Lab	54.1990, 36.7442, -34.0976

Details

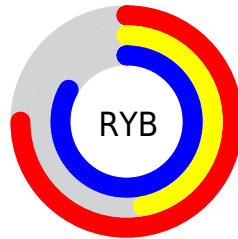
The RYB color **190, 121, 212** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **121, 212, 190**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **248, 175, 255**, and **135, 70, 157** is the 20% darker color. If you saturate the color by 10%, you get **185, 100, 212**, and if you desaturate by 10%, it is **195, 142, 212**.

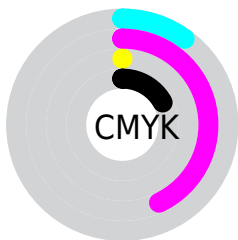
Distribution



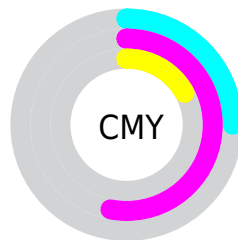
- Red (75%)
- Green (47%)
- Blue (83%)



- Red (75%)
- Yellow (47%)
- Blue (83%)



- Cyan (10%)
- Magenta (43%)
- Yellow (0%)
- Black (17%)




- Cyan (25%)
- Magenta (53%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 121, 212 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 190, 121, 212 by changing the saturation by 10% instead.


 190, 121, 212

255, 255, 255

 248, 175, 255

 255, 203, 255


 255, 231, 255

 190, 121, 212

 162, 95, 184

 135, 70, 157

 108, 45, 131

 82, 18, 105

 57, 0, 80


 36, 0, 57


 0, 0, 35

 0, 0, 9


 0, 0, 0


 190, 121, 212

 190, 121, 212

 185, 100, 212


 195, 142, 212


 180, 79, 212

 200, 163, 212

 175, 57, 212


 205, 185, 212

 169, 36, 212

 211, 206, 212

 164, 15, 212

 212, 227, 223

 161, 0, 212

 212, 248, 239

 212, 255, 241

 212, 255, 236

 212, 255, 231

Harmonies

Analogous

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



118, 138, 240



190, 121, 212



228, 105, 167

Triad

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



190, 121, 212



122, 189, 45



0, 87, 179

Complementary

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



190, 121, 212



121, 212, 190

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.



0, 97, 170



190, 121, 212



47, 155, 59

Square

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



190, 121, 212



222, 141, 74



80, 165, 161



0, 95, 221

Rectangle

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



190, 121, 212



237, 102, 134



80, 165, 161



0, 88, 171

Sweetspot

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



190, 121, 212



247, 222, 255



121, 139, 212



123, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 121, 212



223, 122, 255



212, 121, 189



105, 96, 107



130, 0, 171



33, 0, 43

Inverse Universe

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



212, 121, 143



255, 122, 154



121, 194, 212



107, 96, 99



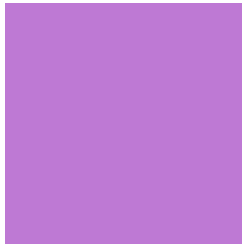
171, 0, 41



43, 0, 10

Previews

White Background



This preview shows how the RYB color 190, 121, 212 looks on a white background.

Color Contrast Check

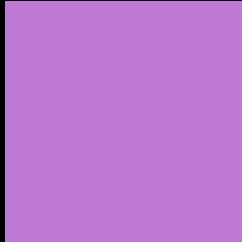
Large Text (above 18pt) WCAG AA ✓ Pass

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 190, 121, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

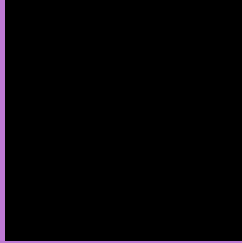
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 190, 121, 212 Background



This preview shows how black text looks on a background with the RYB color 190, 121, 212.

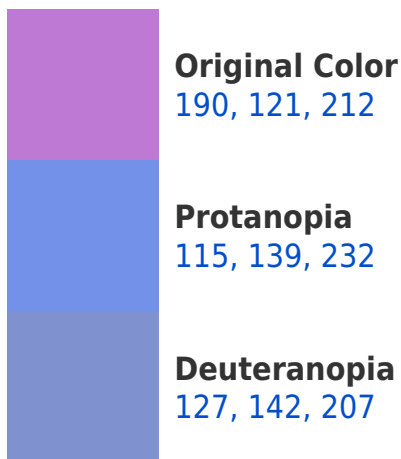


This preview shows how white text looks on a background with the RYB color 190, 121, 212.

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
180, 136, 146

Trichromacy



Original Color

190, 121, 212



Protanomaly

142, 136, 225



Deuteranomaly

150, 137, 209



Tritanomaly

184, 131, 170

Monochromacy



Original Color

190, 121, 212



Achromatopsia

152, 152, 152



Achromatomaly

166, 141, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 121, 212 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(190, 121, 212)` looks like.

```
.text, #text, p{  
    color:rgb(190, 121, 212)  
}
```

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(190, 121, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 121, 212) }
```

Border

The CSS property to change the border of an element to RYB 190, 121, 212 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(190, 121, 212) }
```

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

```
.border{ border-color:rgb(190, 121, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 121, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 121, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 121, 212);  
box-shadow:4px 4px 4px 4px rgb(190, 121,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 190, 121, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 121, 212) }
```

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

```
.background{ background-color: rgb(190,  
121, 212) }
```

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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