

Converting Colors

`RYB(190, 126, 153)`

Have a look what the booklet for
RYB(190, 126, 153) contains.

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Color

R_YB(190, 126, 153)

Conversions

Conversions Part 1

Format	Color
Hex	BE7E99
RGB	190, 126, 153
RGB Percent	75%, 49%, 60%
CMY	0.2549, 0.5059, 0.4000
CMYK	0.00, 0.34, 0.19, 0.25
HSL	335°, 33%, 62%
HSV	335°, 34%, 75%
XYZ	34.4458, 28.1688, 33.7586
YIQ	148.2140, 29.4770, 21.9650

Conversions

Conversions Part 2

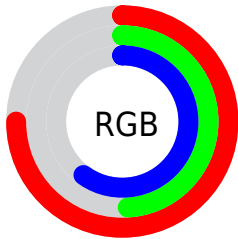
Format	Color
R_{YB}	190, 126, 153
Decimal	12484249
CIE Lab	60.04, 28.72, -4.26
CIE LCh	60, 29.032, 351.563
Yxy	28.1688, 0.3574, 0.2923
Android (android.graphics.Color)	4290674329 (0xFFBE7E99)
YUV	148.2140, 2.3595, 36.6463
Hunter-Lab	53.0743, 22.9687, -0.5602

Details

The RYB color **190, 126, 153** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **126, 167, 190**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **247, 179, 207**, and **135, 76, 102** is the 20% darker color. If you saturate the color by 10%, you get **190, 107, 142**, and if you desaturate by 10%, it is **190, 145, 164**.

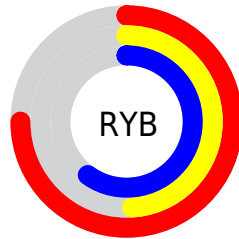
Distribution



Red (75%)

Green (49%)

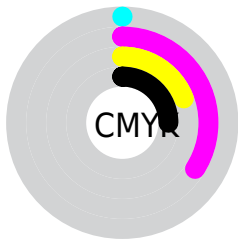
Blue (60%)



Red (75%)

Yellow (49%)

Blue (60%)

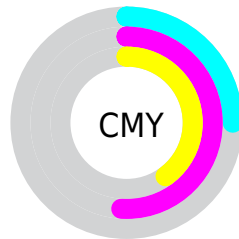


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 126, 153 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, 126, 153 by changing the saturation by 10% instead.

 190, 126, 153

255, 255, 255

 247, 179, 207

 255, 207, 236

 255, 236, 255

 190, 126, 153

 162, 100, 127

 135, 76, 102

 109, 52, 78

 84, 29, 55

 59, 4, 34

 40, 0, 12

 0, 0, 0

 190, 126, 153

 190, 107, 142

 190, 126, 153

 190, 145, 164

190, 88, 131

190, 164, 175

190, 69, 120

190, 183, 186

190, 50, 109

190, 198, 202

190, 31, 98

190, 210, 221

190, 12, 87

190, 222, 240

190, 0, 80

190, 230, 255

190, 226, 255

190, 223, 255

Harmonies

Analogous

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



170, 132, 177



190, 126, 153



195, 126, 127

Triad

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



190, 126, 153



97, 149, 103



64, 116, 184

Complementary

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



190, 126, 153



126, 167, 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.



59, 110, 163



190, 126, 153



112, 155, 153

Square

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



190, 126, 153



139, 169, 94



83, 127, 158



99, 132, 195

Rectangle

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



190, 126, 153



191, 135, 112



83, 127, 158



58, 112, 178

Sweetspot

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



190, 126, 153



247, 223, 233



162, 126, 190



125, 110, 116



252, 252, 252



125, 125, 125

Same Dimension

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



190, 126, 153



247, 148, 190



190, 130, 126



94, 85, 89



158, 0, 67



31, 0, 13

Inverse Universe

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



190, 126, 153



247, 148, 190



126, 157, 190



94, 85, 89



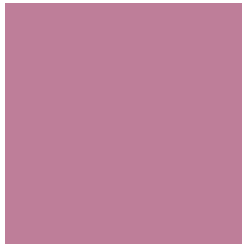
158, 0, 67



31, 0, 13

Previews

White Background



This preview shows how the RYB color 190, 126, 153 looks on a white background.

Color Contrast Check

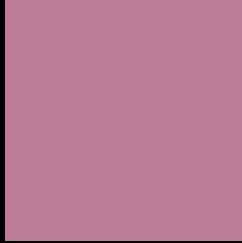
Large Text (above 18pt) WCAG AA ✓ Pass

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, 126, 153 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, 126, 153 Background



This preview shows how black text looks on a background with the RYB color 190, 126, 153.

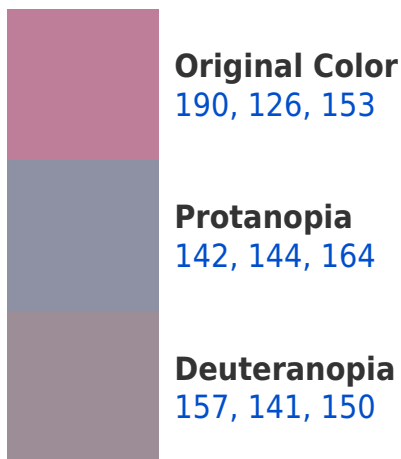


This preview shows how white text looks on a background with the RYB color 190, 126, 153.

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
188, 129, 138

Trichromacy



Original Color
190, 126, 153

Protanomaly
159, 137, 160

Deuteranomaly
169, 136, 151

Tritanomaly
189, 128, 143

Monochromacy



Original Color
190, 126, 153

Achromatopsia
148, 148, 148

Achromatomaly
163, 140, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 126, 153 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, 126, 153)` looks like.

```
.text, #text, p{  
    color:rgb(190, 126, 153)  
}
```

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, 126, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 126, 153) }
```

Border

The CSS property to change the border of an element to RYB 190, 126, 153 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, 126, 153) }
```

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

```
.border{ border-color:rgb(190, 126, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 126, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 126, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 126, 153); box-shadow:4px 4px 4px 4px rgb(190, 126, 153) }
```

Background

The CSS property to change the background color of an element to RYB 190, 126, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 126, 153) }
```

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

```
.background{ background-color: rgb(190,  
126, 153) }
```

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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