

Converting Colors

`RYB(181, 92, 195)`

Have a look what the booklet for RYB(181, 92, 195) contains.

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Color

R_YB(181, 92, 195)

Conversions

Conversions Part 1

Format	Color
Hex	B55CC3
RGB	181, 92, 195
RGB Percent	71%, 36%, 76%
CMY	0.2902, 0.6392, 0.2353
CMYK	0.07, 0.53, 0.00, 0.24
HSL	292°, 46%, 56%
HSV	292°, 53%, 76%
XYZ	32.7335, 21.4182, 54.0386
YIQ	130.3530, 19.9810, 50.9010

Conversions

Conversions Part 2

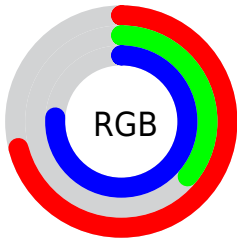
Format	Color
R_{YB}	181, 92, 195
Decimal	11885763
CIE _{Lab}	53.40, 51.32, -38.69
CIE _{LCh}	53, 64.265, 322.989
Yxy	21.4182, 0.3026, 0.1980
Android (android.graphics.Color)	4290075843 (0xFFB55CC3)
YUV	130.3530, 31.8710, 44.4174
Hunter-Lab	46.2798, 45.2628, -36.8342

Details

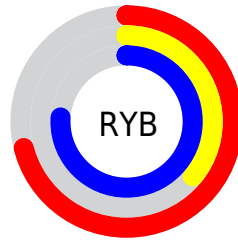
The RYB color **181, 92, 195** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **92, 195, 181**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **239, 146, 252**, and **126, 38, 141** is the 20% darker color. If you saturate the color by 10%, you get **178, 73, 195**, and if you desaturate by 10%, it is **184, 111, 195**.

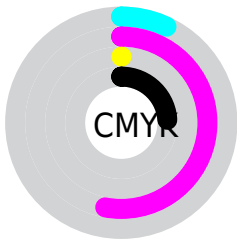
Distribution



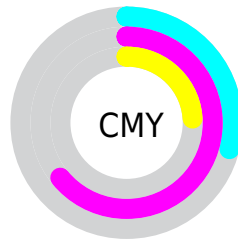
- Red (71%)
- Green (36%)
- Blue (76%)



- Red (71%)
- Yellow (36%)
- Blue (76%)



- Cyan (7%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)





- Cyan (29%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 92, 195 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 181, 92, 195 by changing the saturation by 10% instead.

 181, 92, 195

 181, 92, 195

255, 255, 255

 153, 66, 168

 239, 146, 252

 126, 38, 141

 255, 173, 255

 99, 2, 115


 255, 201, 255

 72, 0, 90


 255, 230, 255


 48, 0, 66

 20, 0, 43

 0, 1, 21

 0, 0, 0

 181, 92, 195

 181, 92, 195

■ 178, 73, 195

■ 184, 111, 195

■ 176, 53, 195

■ 186, 131, 195

■ 173, 34, 195

■ 189, 150, 195

■ 170, 14, 195

■ 192, 170, 195

■ 168, 0, 195

■ 194, 189, 195

■ 195, 209, 207

■ 195, 228, 223

■ 195, 248, 241

■ 195, 255, 245

Harmonies

Analogous

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



98, 116, 230



181, 92, 195



219, 70, 143

Triad

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



181, 92, 195



58, 164, 0



0, 80, 169

Complementary

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



181, 92, 195



92, 195, 181

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, 88, 152



181, 92, 195



0, 137, 25

Square

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



181, 92, 195



203, 131, 37



25, 122, 147



0, 88, 215

Rectangle

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



181, 92, 195



226, 69, 106



25, 122, 147



0, 77, 153

Sweetspot

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



181, 92, 195



247, 212, 252



92, 105, 195



124, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 92, 195



231, 93, 252



195, 92, 159



96, 87, 97



139, 0, 161



29, 0, 33

Inverse Universe

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



195, 92, 106



252, 93, 115



92, 168, 195



97, 87, 89



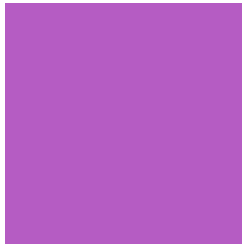
161, 0, 22



33, 0, 5

Previews

White Background



This preview shows how the RYB color 181, 92, 195 looks on a white background.

Color Contrast Check

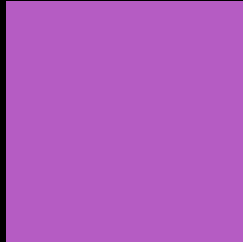
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 92, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

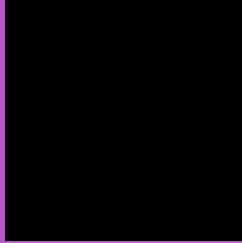
Any Text WCAG AA ✓ Pass

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](#).

R Y B 181, 92, 195 Background



This preview shows how black text looks on a background with the RYB color 181, 92, 195.

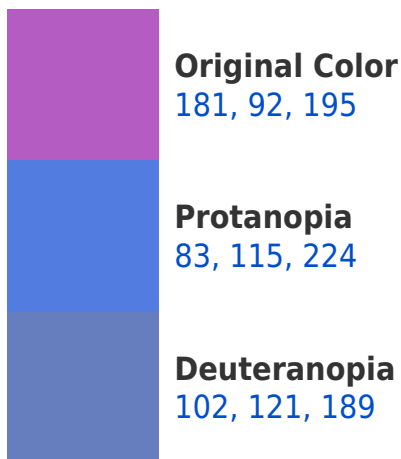



This preview shows how white text looks on a background with the RYB color 181, 92, 195.

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
171, 111, 119

Trichromacy



Original Color

181, 92, 195



Protanomaly

119, 113, 213



Deuteranomaly

131, 114, 191



Tritanomaly

175, 104, 147

Monochromacy



Original Color

181, 92, 195



Achromatopsia

130, 130, 130



Achromatomaly

149, 116, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 92, 195 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(181, 92, 195)` looks like.

```
.text, #text, p{  
    color:rgb(181, 92, 195)  
}
```

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(181, 92, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 92, 195) }
```

Border

The CSS property to change the border of an element to RYB 181, 92, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

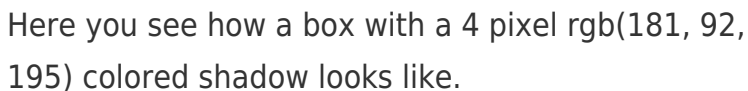
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 92, 195) }
```

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

```
.border{ border-color:rgb(181, 92, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 92, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 92, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 92, 195); box-shadow:4px 4px 4px 4px rgb(181, 92, 195) }
```

Background

The CSS property to change the background color of an element to RGB 181, 92, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 92, 195) }
```

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

```
.background{ background-color: rgb(181, 92,  
195) }
```

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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