

Converting Colors

`RYB(193, 180, 210)`

Have a look what the booklet for
RYB(193, 180, 210) contains.

RYB(193, 180, 210)	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

$\text{RYB}(193, 180, 210)$

Conversions

Conversions Part 1

Format	Color
Hex	C1B4D2
RGB	193, 180, 210
RGB Percent	76%, 71%, 82%
CMY	0.2431, 0.2941, 0.1765
CMYK	0.08, 0.14, 0.00, 0.18
HSL	266°, 25%, 76%
HSV	266°, 14%, 82%
XYZ	49.9464, 48.6331, 67.7274
YIQ	187.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

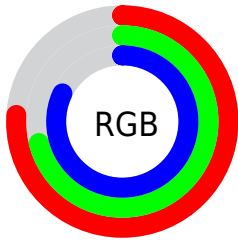
Format	Color
RYB	193, 180, 210
Decimal	12694738
CIELab	75.22, 10.28, -13.45
CIELCh	75, 16.927, 307.408
Yxy	48.6331, 0.3003, 0.2924
Android (android.graphics.Color)	4290884818 (0xFFC1B4D2)
YUV	187.3070, 11.1876, 4.9928
Hunter-Lab	69.7374, 5.8024, -8.7649

Details

The RYB color **193, 180, 210** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **180, 210, 193**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **250, 236, 255**, and **139, 127, 156** is the 20% darker color. If you saturate the color by 10%, you get **181, 159, 210**, and if you desaturate by 10%, it is **205, 201, 210**.

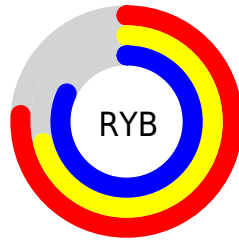
Distribution



Red (76%)

Green (71%)

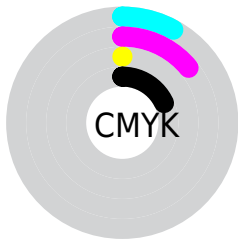
Blue (82%)



Red (76%)

Yellow (71%)

Blue (82%)

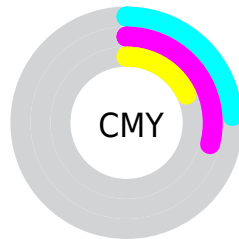


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 180, 210 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 193, 180, 210 by changing the saturation by 10% instead.

 193, 180, 210

255, 255, 255

 250, 236, 255

 193, 180, 210


 166, 153, 182

 139, 127, 156

 114, 102, 129

 89, 78, 104

 66, 55, 80

 43, 34, 57


 23, 12, 36

 0, 0, 13


 0, 0, 0

 193, 180, 210


 193, 180, 210

 181, 159, 210

 205, 201, 210

 169, 138, 210


 210, 222, 215

 157, 117, 210

 210, 243, 224

 145, 96, 210

 210, 255, 224

 133, 75, 210


 210, 255, 212

 122, 54, 210

 210, 255, 210

 110, 33, 210

 98, 12, 210

 91, 0, 210

Harmonies

Analogous

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



173, 182, 216



193, 180, 210



209, 176, 198

Triad

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



193, 180, 210



208, 199, 157



147, 172, 194

Complementary

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



193, 180, 210



180, 210, 193

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.



159, 183, 193



193, 180, 210



166, 194, 154

Square

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



193, 180, 210



217, 178, 167



160, 190, 174



145, 171, 204

Rectangle

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



193, 180, 210



216, 175, 187



160, 190, 174



150, 175, 194

Sweetspot

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



193, 180, 210



249, 245, 255



180, 191, 210



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 180, 210



230, 212, 255



207, 180, 210



99, 94, 105



73, 0, 168



18, 0, 41

Inverse Universe

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



210, 180, 197



255, 212, 236



180, 210, 207



105, 94, 100



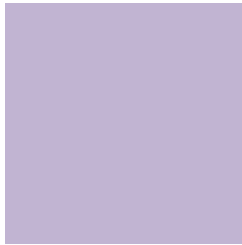
168, 0, 95



41, 0, 23

Previews

White Background



This preview shows how the RYB color 193, 180, 210 looks on a white background.

Color Contrast Check

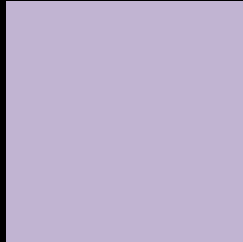
Large Text (above 18pt) WCAG AA × Fail

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 193, 180, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

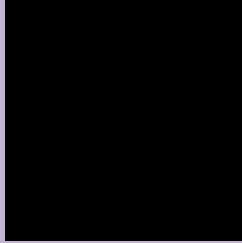
Any Text WCAG AA ✓ Pass

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 193, 180, 210 Background



This preview shows how black text looks on a background with the RYB color 193, 180, 210.



This preview shows how white text looks on a background with the RYB color 193, 180, 210.

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
193, 180, 210

Protanopia
180, 184, 212

Deuteranopia
192, 180, 210



Tritanopia
191, 182, 197

Trichromacy



Original Color

193, 180, 210

Protanomaly

185, 183, 211

Deuteranomaly

192, 180, 210

Tritanomaly

192, 181, 202

Monochromacy



Original Color

193, 180, 210

Achromatopsia

187, 187, 187

Achromatomaly

189, 184, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 180, 210 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(193, 180, 210)` looks like.

```
.text, #text, p{  
    color:rgb(193, 180, 210)  
}
```

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(193, 180, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 180, 210) }
```

Border

The CSS property to change the border of an element to RYB 193, 180, 210 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(193, 180, 210) }
```

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

```
.border{ border-color:rgb(193, 180, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 180, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 180, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 180, 210);  
box-shadow:4px 4px 4px 4px rgb(193, 180,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 193, 180, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 180, 210) }
```

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

```
.background{ background-color: rgb(193,  
180, 210) }
```

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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