

Converting Colors

`RYB(194, 179, 246)`

Have a look what the booklet for RYB(194, 179, 246) contains.

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Color

R_YB(194, 179, 246)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2B3F6 |
| RGB | 194, 179, 246 |
| RGB Percent | 76%, 70%, 96% |
| CMY | 0.2392, 0.2980, 0.0353 |
| CMYK | 0.21, 0.27, 0.00, 0.04 |
| HSL | 253°, 79%, 83% |
| HSV | 253°, 27%, 96% |
| XYZ | 55.0028, 50.3634, 94.0109 |
| YIQ | 191.1230, -12.5670, 24.0170 |

Conversions

Conversions Part 2

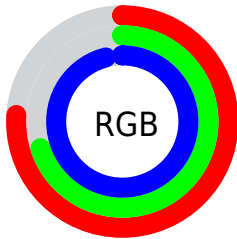
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 194, 179, 246 |
| Decimal | 12760054 |
| CIELab | 76.29, 18.85, -31.32 |
| CIELCh | 76, 36.558, 301.046 |
| Yxy | 50.3634, 0.2759, 0.2526 |
| Android (android.graphics.Color) | 4290950134 (0xFFC2B3F6) |
| YUV | 191.1230, 27.0544, 2.5231 |
| Hunter-Lab | 70.9671, 14.1532, -28.8651 |

Details

The RYB color **194, 179, 246** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **179, 246, 194**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **251, 235, 255**, and **139, 126, 189** is the 20% darker color. If you saturate the color by 10%, you get **175, 154, 246**, and if you desaturate by 10%, it is **213, 204, 246**.

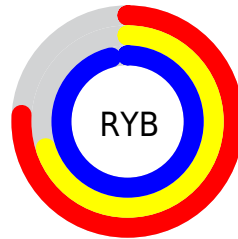
Distribution



Red (76%)

Green (70%)

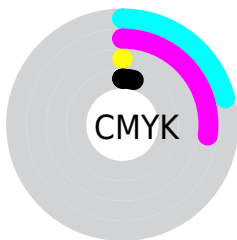
Blue (96%)



Red (76%)

Yellow (70%)

Blue (96%)

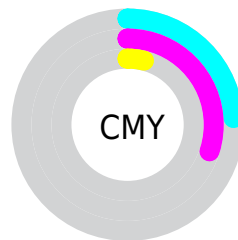


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (30%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 179, 246 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 194, 179, 246 by changing the saturation by 10% instead.

■ 194, 179, 246

255, 255, 255

■ 251, 235, 255

■ 194, 179, 246

■ 166, 152, 217

■ 139, 126, 189

■ 113, 101, 162

■ 88, 77, 136

■ 63, 54, 110

■ 38, 33, 86

■ 12, 12, 62

■ 0, 0, 40

■ 0, 1, 17

■ 194, 179, 246

■ 194, 179, 246

■ 175, 154, 246

■ 213, 204, 246

■ 156, 130, 246

■ 232, 228, 246

■ 137, 105, 246

■ 246, 253, 248

■ 118, 81, 246

■ 246, 255, 246

■ 99, 56, 246

■ 79, 31, 246

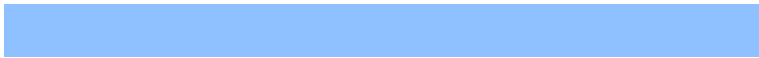
■ 60, 7, 246

■ 55, 0, 246

Harmonies

Analogous

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



143, 177, 255



194, 179, 246



232, 168, 221

Triad

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



194, 179, 246



238, 207, 130



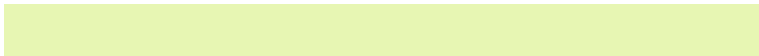
93, 154, 206

Complementary

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



194, 179, 246



179, 246, 194

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.



134, 187, 203



194, 179, 246



153, 210, 120

Square

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



194, 179, 246



253, 166, 155



129, 197, 152



67, 140, 222

Rectangle

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



194, 179, 246



248, 163, 200



129, 197, 152



107, 165, 206

Sweetspot

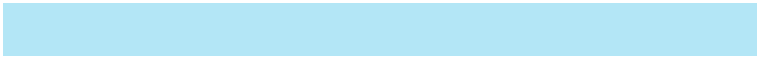
The Sweet Spot groups the original color and five complimentary colors.



194, 179, 246



239, 235, 255



179, 208, 246



118, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 179, 246



190, 171, 255



227, 179, 246



113, 110, 122



42, 0, 186



13, 0, 59

Inverse Universe

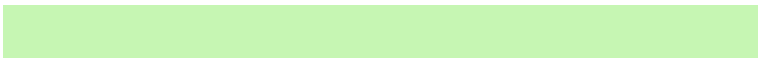
The Inverse Universe completely reimagines the original color for something new.



246, 179, 231



255, 171, 236



179, 246, 227



122, 110, 120



186, 0, 144



59, 0, 46

Previews

White Background



This preview shows how the RYB color 194, 179, 246 looks on a white background.

Color Contrast Check

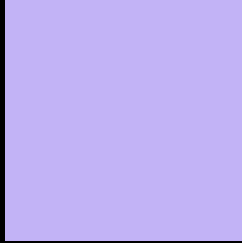
Large Text (above 18pt) WCAG AA × Fail

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 194, 179, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

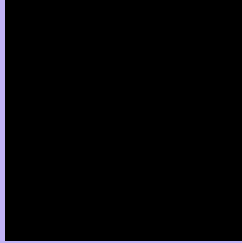
Any Text WCAG AA ✓ Pass

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 194, 179, 246 Background



This preview shows how black text looks on a background with the RYB color 194, 179, 246.

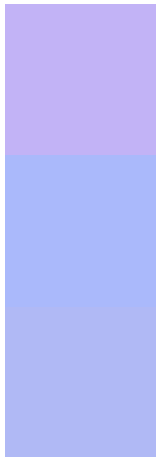


This preview shows how white text looks on a background with the RYB color 194, 179, 246.

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
194, 179, 246

Protanopia
170, 183, 251

Deuteranopia
176, 184, 245



Tritanopia
186, 187, 202

Trichromacy



Original Color

194, 179, 246

Protanomaly

179, 183, 249

Deuteranomaly

183, 183, 245

Tritanomaly

189, 184, 218

Monochromacy



Original Color

194, 179, 246

Achromatopsia

191, 191, 191

Achromatomaly

192, 187, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 179, 246 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(194, 179, 246)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 246)  
}
```

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(194, 179, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 246) }
```

Border

The CSS property to change the border of an element to RYB 194, 179, 246 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(194, 179, 246) }
```

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

```
.border{ border-color:rgb(194, 179, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 246);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 194, 179, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 246) }
```

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

```
.background{ background-color: rgb(194,  
179, 246) }
```

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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