

Converting Colors

`RYB(194, 185, 254)`

Have a look what the booklet for
RYB(194, 185, 254) contains.

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Color

R_YB(194, 185, 254)

Conversions

Conversions Part 1

Format	Color
Hex	C2B9FE
RGB	194, 185, 254
RGB Percent	76%, 73%, 100%
CMY	0.2392, 0.2745, 0.0039
CMYK	0.24, 0.27, 0.00, 0.00
HSL	248°, 97%, 86%
HSV	248°, 27%, 100%
XYZ	57.4865, 53.3230, 101.0284
YIQ	195.5570, -16.7850, 23.3670

Conversions

Conversions Part 2

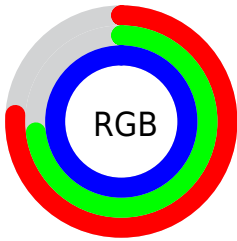
Format	Color
RYB	194, 185, 254
Decimal	12761598
CIELab	78.07, 17.39, -32.89
CIELCh	78, 37.203, 297.866
Yxy	53.3230, 0.2714, 0.2517
Android (android.graphics.Color)	4290951678 (0xFFC2B9FE)
YUV	195.5570, 28.8124, -1.3655
Hunter-Lab	73.0226, 12.7332, -30.9132

Details

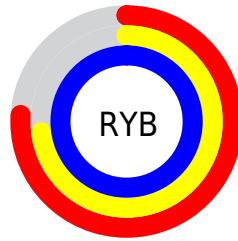
The RYB color `194, 185, 254` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `185, 254, 194`, and the grayscale version is `195, 195, 195`.

A 20% lighter version of the original color is `251, 241, 255`, and `139, 132, 197` is the 20% darker color. If you saturate the color by 10%, you get `172, 160, 254`, and if you desaturate by 10%, it is `216, 210, 254`.

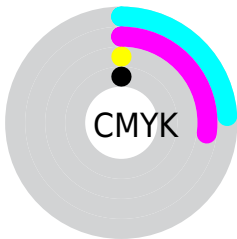
Distribution



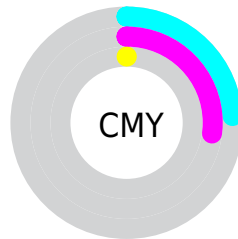
- Red (76%)
- Green (73%)
- Blue (100%)



- Red (76%)
- Yellow (73%)
- Blue (100%)



- Cyan (24%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 185, 254 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, 185, 254 by changing the saturation by 10% instead.

■ 194, 185, 254

255, 255, 255

■ 251, 241, 255

■ 194, 185, 254

■ 166, 158, 225

■ 139, 132, 197

■ 113, 107, 170

■ 87, 83, 143

■ 62, 60, 117

■ 36, 38, 92

■ 7, 16, 68

■ 0, 0, 46

■ 0, 1, 24

■ 194, 185, 254

■ 194, 185, 254

■ 172, 160, 254

■ 216, 210, 254

■ 150, 134, 254

■ 238, 236, 254

■ 128, 109, 254

254, 255, 254

■ 106, 83, 254

■ 84, 58, 254

■ 61, 33, 254

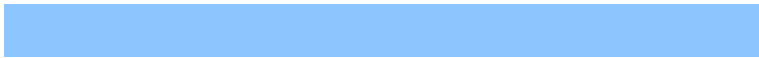
■ 39, 7, 254

■ 33, 0, 254

Harmonies

Analogous

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



141, 179, 255



194, 185, 254



235, 173, 230

Triad

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



194, 185, 254



246, 204, 136



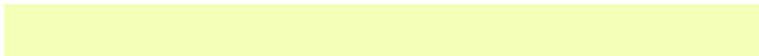
101, 163, 212

Complementary

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



194, 185, 254



185, 254, 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.



143, 198, 208



194, 185, 254



166, 219, 124

Square

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



194, 185, 254



255, 170, 162



131, 201, 149



70, 144, 224

Rectangle

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



194, 185, 254



252, 168, 209



131, 201, 149



114, 173, 211

Sweetspot

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



194, 185, 254



237, 235, 255



185, 217, 254



116, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 185, 254



182, 171, 255



228, 185, 254



116, 115, 128



25, 0, 191



8, 0, 64

Inverse Universe

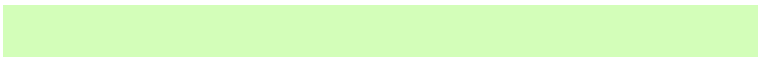
The Inverse Universe completely reimagines the original color for something new.



254, 185, 245



255, 171, 244



185, 254, 228



128, 115, 126



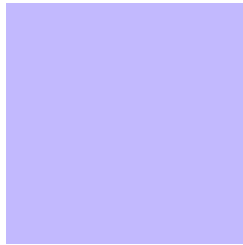
191, 0, 166



64, 0, 55

Previews

White Background



This preview shows how the RYB color 194, 185, 254 looks on a white background.

Color Contrast Check

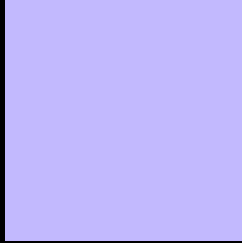
Large Text (above 18pt) WCAG AA × Fail

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, 185, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

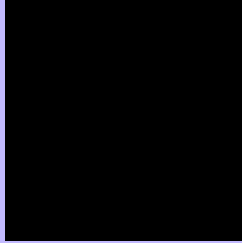
Any Text WCAG AA ✓ Pass

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, 185, 254 Background



This preview shows how black text looks on a background with the RYB color 194, 185, 254.

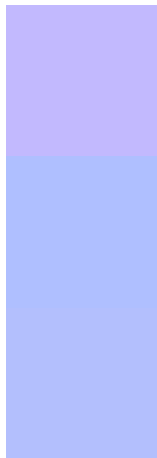


This preview shows how white text looks on a background with the RYB color 194, 185, 254.

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](#).

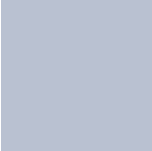
Dichromacy



Original Color
194, 185, 254

Protanopia
175, 188, 255

Deuteranopia
179, 189, 253



Tritanopia
185, 191, 209

Trichromacy



Original Color
194, 185, 254

Protanomaly
182, 188, 255

Deuteranomaly
184, 188, 253

Tritanomaly
188, 190, 225

Monochromacy



Original Color
194, 185, 254

Achromatopsia
196, 196, 196

Achromatomaly
195, 192, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 185, 254 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, 185, 254)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 254)  
}
```

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, 185, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 254) }
```

Border

The CSS property to change the border of an element to RYB 194, 185, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

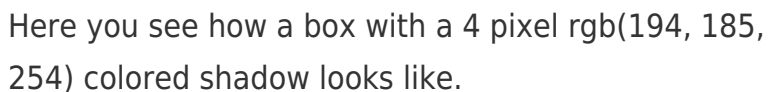
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 185, 254) }
```

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

```
.border{ border-color:rgb(194, 185, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 185, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 254);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 194, 185, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 254) }
```

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

```
.background{ background-color: rgb(194,  
185, 254) }
```

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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