

Converting Colors

`RYB(188, 189, 250)`

Have a look what the booklet for
RYB(188, 189, 250) contains.

RYB(188, 189, 250)	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

R_YB(188, 189, 250)

Conversions

Conversions Part 1

Format	Color
Hex	BCBDFA
RGB	188, 189, 250
RGB Percent	74%, 74%, 98%
CMY	0.2627, 0.2588, 0.0196
CMYK	0.25, 0.24, 0.00, 0.02
HSL	239°, 86%, 86%
HSV	239°, 25%, 98%
XYZ	56.1955, 53.9957, 97.9029
YIQ	195.6550, -20.1770, 18.7590

Conversions

Conversions Part 2

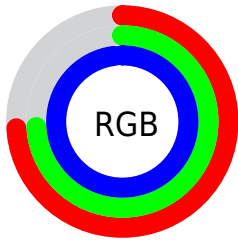
Format	Color
R _Y B	188, 189, 250
Decimal	12369402
CIE Lab	78.46, 12.50, -30.18
CIE LCh	78, 32.664, 292.503
Yxy	53.9957, 0.2700, 0.2595
Android (android.graphics.Color)	4290559482 (0xFFBCBDFA)
YUV	195.6550, 26.7921, -6.7134
Hunter-Lab	73.4818, 7.9154, -27.5573

Details

The RYB color **188, 189, 250** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **189, 250, 188**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **245, 245, 255**, and **134, 136, 193** is the 20% darker color. If you saturate the color by 10%, you get **163, 164, 250**, and if you desaturate by 10%, it is **213, 214, 250**.

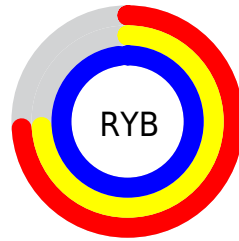
Distribution



Red (74%)

Green (74%)

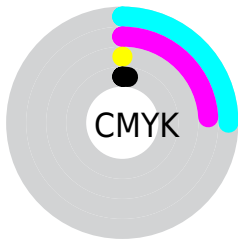
Blue (98%)



Red (74%)

Yellow (74%)

Blue (98%)

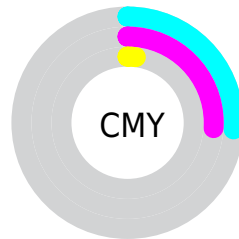


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (26%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 188, 189, 250 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 188, 189, 250 by changing the saturation by 10% instead.

 188, 189, 250

255, 255, 255

 245, 245, 255

 188, 189, 250


 160, 162, 221


 134, 136, 193

 107, 111, 166

 82, 86, 139

 57, 62, 114

 31, 40, 89


 1, 16, 65

 0, 0, 43

 0, 1, 21

 188, 189, 250

 188, 189, 250

 163, 164, 250

 213, 214, 250

 138, 140, 250

 238, 238, 250

 113, 115, 250

 250, 255, 250

 88, 91, 250

 63, 66, 250

 38, 41, 250

 13, 17, 250

 0, 4, 250

Harmonies

Analogous

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



143, 180, 254



188, 189, 250



226, 179, 231

Triad

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



188, 189, 250



245, 197, 147



122, 173, 210

Complementary

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



188, 189, 250



189, 250, 188

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.



156, 207, 206



188, 189, 250



186, 223, 134

Square

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



188, 189, 250



255, 173, 172



137, 199, 144



99, 156, 216

Rectangle

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



188, 189, 250



243, 174, 213



137, 199, 144



134, 183, 210

Sweetspot

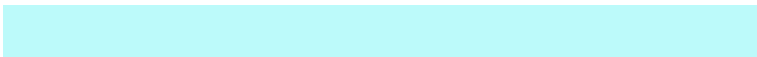
The Sweet Spot groups the original color and five complimentary colors.



188, 189, 250



237, 237, 255



188, 219, 250



117, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 189, 250



179, 180, 255



218, 188, 250



112, 113, 125



0, 3, 189



0, 1, 61

Inverse Universe

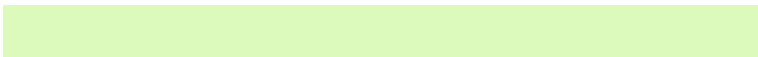
The Inverse Universe completely reimagines the original color for something new.



250, 188, 189



255, 179, 180



188, 250, 218



125, 112, 113



189, 0, 3



61, 0, 1

Previews

White Background



This preview shows how the RYB color 188, 189, 250 looks on a white background.

Color Contrast Check

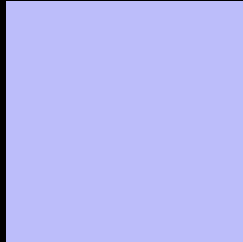
Large Text (above 18pt) WCAG AA × Fail

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 188, 189, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

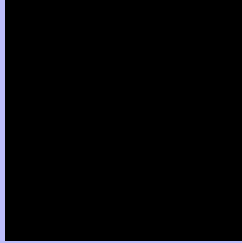
Any Text WCAG AA ✓ Pass

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 188, 189, 250 Background



This preview shows how black text looks on a background with the RYB color 188, 189, 250.



This preview shows how white text looks on a background with the RYB color 188, 189, 250.

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
188, 189, 250

Protanopia
178, 190, 252

Deuteranopia
183, 190, 250



Tritanopia
181, 191, 212

Trichromacy



Original Color

188, 189, 250

Protanomaly

182, 190, 251

Deuteranomaly

185, 190, 250

Tritanomaly

184, 191, 226

Monochromacy



Original Color

188, 189, 250

Achromatopsia

196, 196, 196

Achromatomaly

193, 193, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 189, 250 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(188, 189, 250)` looks like.

```
.text, #text, p{  
    color:rgb(188, 189, 250)  
}
```

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(188, 189, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 189, 250) }
```

Border

The CSS property to change the border of an element to RYB 188, 189, 250 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(188, 189, 250) }
```

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

```
.border{ border-color:rgb(188, 189, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 189, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 189, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 189, 250);  
box-shadow:4px 4px 4px 4px rgb(188, 189,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 188, 189, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 189, 250) }
```

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

```
.background{ background-color: rgb(188,  
189, 250) }
```

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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