

Converting Colors

RGB(154, 154, 209)

Have a look what the booklet for
RGB(154, 154, 209) contains.

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Color

RGB(154, 154, 209)

Conversions

Conversions Part 1

Format	Color
Hex	9A9AD1
RGB	154, 154, 209
RGB Percent	60%, 60%, 82%
CMY	0.3961, 0.3961, 0.1804
CMYK	0.26, 0.26, 0.00, 0.18
HSL	240°, 37%, 71%
HSV	240°, 26%, 82%
XYZ	36.3907, 34.5847, 65.0791
YIQ	160.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

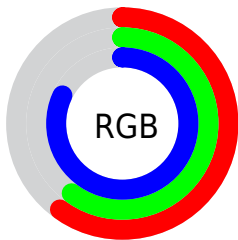
Format	Color
RYB	154, 154, 209
Decimal	10132177
CIELab	65.42, 12.10, -28.08
CIELCh	65, 30.581, 293.312
Yxy	34.5847, 0.2675, 0.2542
Android (android.graphics.Color)	4288322257 (0xFF9A9AD1)
YUV	160.2700, 24.0239, -5.4988
Hunter-Lab	58.8087, 7.5399, -24.4456

Details

The RGB color **154, 154, 209** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **209, 209, 154**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **209, 208, 255**, and **101, 103, 154** is the 20% darker color. If you saturate the color by 10%, you get **133, 133, 209**, and if you desaturate by 10%, it is **175, 175, 209**.

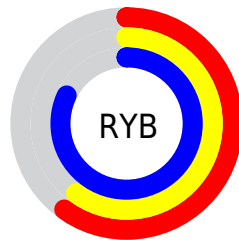
Distribution



Red (60%)

Green (60%)

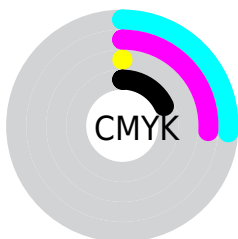
Blue (82%)



Red (60%)

Yellow (60%)

Blue (82%)

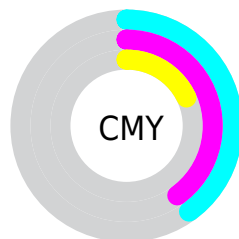


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (40%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 154, 209 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 RGB color 154, 154, 209 by changing the saturation by 10% instead.

■ 154, 154, 209

255, 255, 255

■ 209, 208, 255

■ 238, 237, 255

■ 154, 154, 209

■ 127, 128, 181

■ 101, 103, 154

■ 76, 79, 128

■ 52, 56, 103


■ 27, 35, 79

■ 1, 14, 55


■ 0, 2, 34

■ 0, 0, 7


■ 0, 0, 0

 154, 154, 209


 154, 154, 209

 133, 133, 209

 175, 175, 209

 112, 112, 209

 196, 196, 209

 91, 91, 209

 217, 217, 209


 70, 70, 209


 238, 238, 209

 49, 49, 209

 255, 255, 209

 29, 29, 209

 8, 8, 209

 0, 0, 209

Harmonies

Analogous

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



113, 163, 213



154, 154, 209



188, 145, 192

Triad

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



154, 154, 209



204, 146, 116



92, 173, 152

Complementary

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



154, 154, 209



209, 209, 154

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.



124, 170, 125



154, 154, 209



183, 155, 105

Square

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



154, 154, 209



213, 139, 139



156, 164, 108



68, 174, 180

Rectangle

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



154, 154, 209



203, 140, 175



156, 164, 108



102, 173, 142

Sweetspot

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



154, 154, 209



235, 235, 255



154, 209, 209



115, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 154, 209



173, 173, 255



182, 154, 209



94, 94, 105



0, 0, 168



0, 0, 41

Inverse Universe

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



209, 154, 209



255, 173, 255



182, 209, 154



105, 94, 105



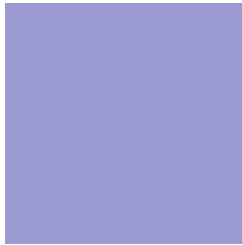
168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RGB color 154, 154, 209 looks on a white background.

Color Contrast Check

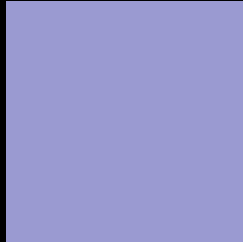
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 154, 154, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

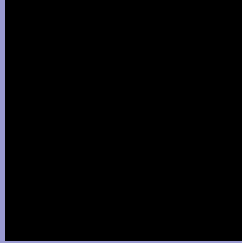
Any Text WCAG AA ✓ Pass

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](#).

RGB 154, 154, 209 Background



This preview shows how black text looks on a background with the RGB color 154, 154, 209.



This preview shows how white text looks on a background with the RGB color 154, 154, 209.

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](#).

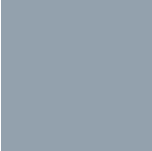
Dichromacy



Original Color
154, 154, 209

Protanopia
144, 157, 211

Deuteranopia
147, 156, 209



Tritanopia
147, 161, 173

Trichromacy



Original Color
154, 154, 209

Protanomaly
148, 156, 210

Deuteranomaly
150, 155, 209

Tritanomaly
150, 158, 186

Monochromacy



Original Color
154, 154, 209

Achromatopsia
160, 160, 160

Achromatomaly
158, 158, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 154, 209 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(154, 154, 209)` looks like.

```
.text, #text, p{  
    color:rgb(154, 154, 209)  
}
```

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(154, 154, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 154, 209) }
```

Border

The CSS property to change the border of an element to RGB 154, 154, 209 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(154, 154, 209) }
```

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

```
.border{ border-color:rgb(154, 154, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 154, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 154, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 154, 209);  
box-shadow:4px 4px 4px 4px rgb(154, 154,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 154, 154, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 154, 209) }
```

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

```
.background{ background-color: rgb(154,  
154, 209) }
```

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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