

Converting Colors

`RYB(154, 134, 204)`

Have a look what the booklet for
RYB(154, 134, 204) contains.

RYB(154, 134, 204)	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(154, 134, 204)

Conversions

Conversions Part 1

Format	Color
Hex	9A86CC
RGB	154, 134, 204
RGB Percent	60%, 53%, 80%
CMY	0.3961, 0.4745, 0.2000
CMYK	0.25, 0.34, 0.00, 0.20
HSL	257°, 41%, 66%
HSV	257°, 34%, 80%
XYZ	32.7506, 28.2799, 60.8592
YIQ	147.9600, -10.5500, 26.0100

Conversions

Conversions Part 2

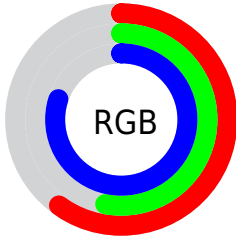
Format	Color
RYB	154, 134, 204
Decimal	10127052
CIELab	60.14, 22.34, -33.47
CIELCh	60, 40.242, 303.723
Yxy	28.2799, 0.2687, 0.2320
Android (android.graphics.Color)	4288317132 (0xFF9A86CC)
YUV	147.9600, 27.6277, 5.2971
Hunter-Lab	53.1788, 16.8678, -30.6278

Details

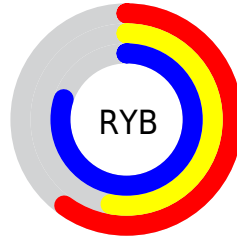
The RYB color **154, 134, 204** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **134, 204, 154**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **209, 187, 255**, and **101, 84, 149** is the 20% darker color. If you saturate the color by 10%, you get **139, 114, 204**, and if you desaturate by 10%, it is **169, 154, 204**.

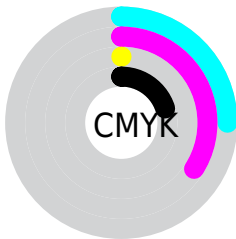
Distribution



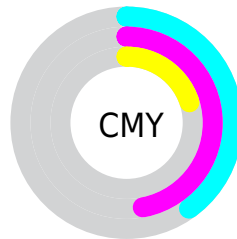
- Red (60%)
- Green (53%)
- Blue (80%)



- Red (60%)
- Yellow (53%)
- Blue (80%)



- Cyan (25%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)




- Cyan (40%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 134, 204 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 154, 134, 204 by changing the saturation by 10% instead.


 154, 134, 204


255, 255, 255


 209, 187, 255

 238, 215, 255


 255, 244, 255

 154, 134, 204

 127, 109, 176

 101, 84, 149

 76, 61, 123

 51, 39, 98


 26, 18, 74

 8, 0, 51

 0, 2, 29

 0, 0, 0

 154, 134, 204

 154, 134, 204

■ 139, 114, 204

■ 169, 154, 204

■ 125, 93, 204

■ 183, 175, 204

■ 110, 73, 204

■ 198, 195, 204

■ 96, 52, 204

■ 204, 216, 208

■ 81, 32, 204

■ 204, 236, 213

■ 67, 12, 204

■ 204, 255, 218

■ 58, 0, 204

■ 204, 255, 204

Harmonies

Analogous

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



95, 131, 215



154, 134, 204



193, 122, 177

Triad

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



154, 134, 204



192, 174, 82



0, 85, 163

Complementary

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



154, 134, 204



134, 204, 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.



80, 138, 161



154, 134, 204



97, 163, 73

Square

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



154, 134, 204



210, 122, 107



84, 154, 113



0, 86, 183

Rectangle

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



154, 134, 204



207, 117, 154



84, 154, 113



35, 107, 163

Sweetspot

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



154, 134, 204



237, 230, 255



134, 163, 204



117, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 134, 204



180, 150, 255



189, 134, 204



95, 92, 102



47, 0, 166



11, 0, 38

Inverse Universe

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



204, 134, 184



255, 150, 225



134, 204, 189



102, 92, 99



166, 0, 118



38, 0, 27

Previews

White Background



This preview shows how the RYB color 154, 134, 204 looks on a white background.

Color Contrast Check

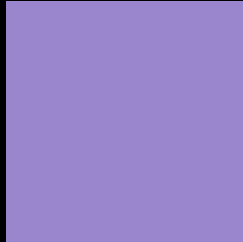
Large Text (above 18pt) WCAG AA ✓ Pass

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 154, 134, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

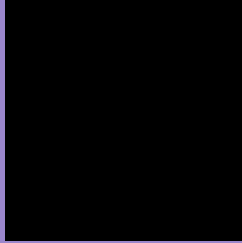
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 154, 134, 204 Background



This preview shows how black text looks on a background with the RYB color 154, 134, 204.

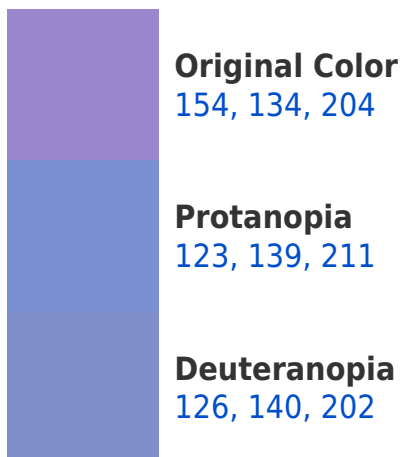


This preview shows how white text looks on a background with the RYB color 154, 134, 204.

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





Tritanopia

145, 144, 155

Trichromacy



Original Color
154, 134, 204

Protanomaly
134, 140, 208

Deuteranomaly
136, 140, 203

Tritanomaly
148, 140, 173

Monochromacy



Original Color
154, 134, 204

Achromatopsia
148, 148, 148

Achromatomaly
150, 143, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 134, 204 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, 134, 204)` looks like.

```
.text, #text, p{  
    color:rgb(154, 134, 204)  
}
```

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, 134, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 134, 204) }
```

Border

The CSS property to change the border of an element to RYB 154, 134, 204 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, 134, 204) }
```

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

```
.border{ border-color:rgb(154, 134, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 134, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 134, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 134, 204);  
box-shadow:4px 4px 4px 4px rgb(154, 134,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 154, 134, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 134, 204) }
```

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

```
.background{ background-color: rgb(154,  
134, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor