

Converting Colors

`RYB(134, 154, 195)`

Have a look what the booklet for
RYB(134, 154, 195) contains.

RYB(134, 154, 195)	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(134, 154, 195)

Conversions

Conversions Part 1

Format	Color
Hex	86A4C3
RGB	134, 164, 195
RGB Percent	53%, 64%, 76%
CMY	0.4745, 0.3578, 0.2353
CMYK	0.31, 0.16, 0.00, 0.24
HSL	211°, 34%, 65%
HSV	211°, 31%, 76%
XYZ	32.9137, 35.4722, 56.7418
YIQ	158.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

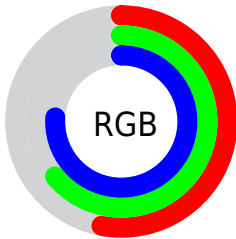
Format	Color
RYB	134, 154, 195
Decimal	8824003
CIELab	66.11, -2.83, -19.37
CIELCh	66, 19.573, 261.695
Yxy	35.4722, 0.2630, 0.2835
Android (android.graphics.Color)	4287014083 (0xFF86A4C3)
YUV	158.5640, 17.9629, -21.5426
Hunter-Lab	59.5585, -5.5833, -14.7951

Details

The RYB color **134, 154, 195** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **193, 195, 134**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **188, 209, 252**, and **82, 102, 141** is the 20% darker color. If you saturate the color by 10%, you get **115, 141, 195**, and if you desaturate by 10%, it is **154, 167, 195**.

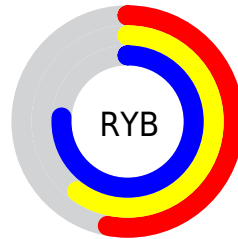
Distribution



Red (53%)

Green (64%)

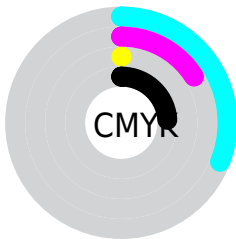
Blue (76%)



Red (53%)

Yellow (60%)

Blue (76%)

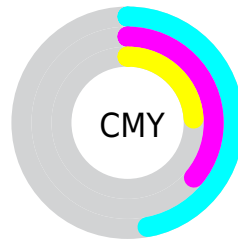


Cyan (31%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (47%)


Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 154, 195 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 134, 154, 195 by changing the saturation by 10% instead.


 134, 154, 195

255, 255, 255

 188, 209, 252

 217, 234, 255

 246, 251, 255

 134, 154, 195

 108, 128, 168

 82, 102, 141

 57, 77, 116

 32, 53, 91

 2, 27, 67

 0, 15, 45

 0, 1, 24


 0, 0, 0


 134, 154, 195


 134, 154, 195

 115, 141, 195


 154, 167, 195

 95, 128, 195

 173, 180, 195

 76, 115, 195

 193, 194, 195

 56, 102, 195

 210, 212, 195

 37, 89, 195

 230, 232, 195

 17, 75, 195

 247, 251, 195

 0, 64, 195

 227, 255, 195

 208, 255, 195

 196, 255, 195

Harmonies

Analogous

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



117, 147, 188



134, 154, 195



157, 158, 193

Triad

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



134, 154, 195



197, 149, 148



138, 168, 166

Complementary

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



134, 154, 195



193, 195, 134

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.



128, 164, 131



134, 154, 195



192, 160, 134

Square

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



134, 154, 195



193, 149, 166



161, 179, 126



122, 150, 170

Rectangle

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



134, 154, 195



172, 154, 187



161, 179, 126



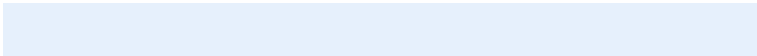
134, 167, 154

Sweetspot

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



134, 154, 195



230, 237, 252



134, 175, 195



113, 118, 128



0, 0, 0



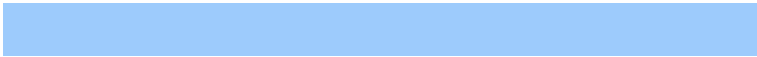
128, 128, 128

Same Dimension

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



134, 154, 195



157, 188, 252



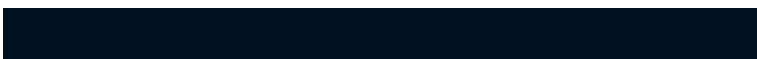
134, 134, 195



87, 90, 97



0, 53, 161



0, 11, 33

Inverse Universe

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



195, 134, 164



252, 157, 203



134, 195, 134



97, 87, 92



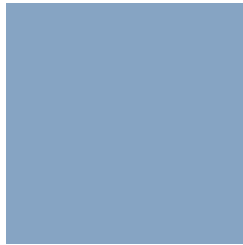
161, 0, 78



33, 0, 16

Previews

White Background



This preview shows how the RYB color 134, 154, 195 looks on a white background.

Color Contrast Check

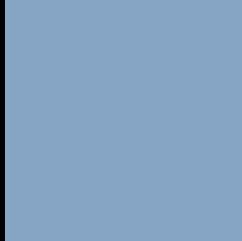
Large Text (above 18pt) WCAG AA × Fail

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 134, 154, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

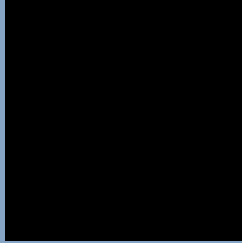
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

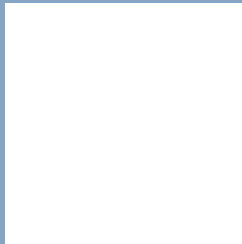
Any Text WCAG AAA ✓ Pass

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

RYB 134, 154, 195 Background



This preview shows how black text looks on a background with the RYB color 134, 154, 195.

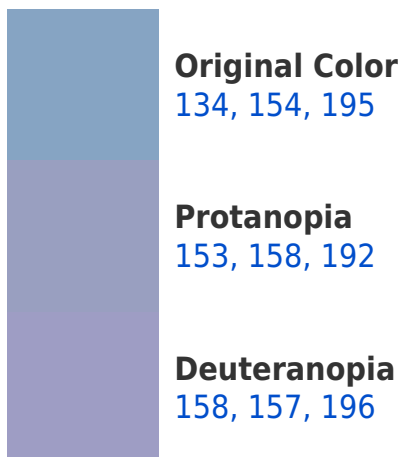


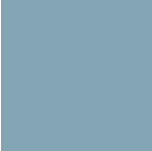
This preview shows how white text looks on a background with the RYB color 134, 154, 195.

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
131, 151, 180

Trichromacy



Original Color
134, 154, 195

Protanomaly
146, 157, 193

Deuteranomaly
149, 157, 196

Tritanomaly
132, 152, 185

Monochromacy



Original Color
134, 154, 195

Achromatopsia
158, 158, 158

Achromatomaly
149, 156, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 154, 195 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(134, 164, 195)` looks like.

```
.text, #text, p{  
    color:rgb(134, 164, 195)  
}
```

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(134, 164, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 164, 195) }
```

Border

The CSS property to change the border of an element to RYB 134, 154, 195 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(134, 164, 195) }
```

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

```
.border{ border-color:rgb(134, 164, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 164, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 164, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 164, 195);  
box-shadow:4px 4px 4px 4px rgb(134, 164,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 134, 154, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 164, 195) }
```

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

```
.background{ background-color: rgb(134,  
164, 195) }
```

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