

Converting Colors

`RYB(94, 129, 255)`

Have a look what the booklet for
RYB(94, 129, 255) contains.

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Color

`RYB(94, 129, 255)`

Conversions

Conversions Part 1

Format	Color
Hex	5E8BFF
RGB	94, 139, 255
RGB Percent	37%, 55%, 100%
CMY	0.6314, 0.4560, 0.0000
CMYK	0.63, 0.46, 0.00, 0.00
HSL	223°, 100%, 68%
HSV	223°, 63%, 100%
XYZ	31.8585, 27.9846, 98.3302
YIQ	138.7690, -64.0560, 26.5360

Conversions

Conversions Part 2

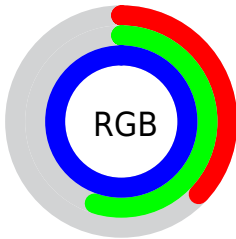
Format	Color
R_{YB}	94, 129, 255
Decimal	6196223
CIE _{Lab}	59.87, 20.28, -62.50
CIE _{LCh}	60, 65.706, 287.974
Yxy	27.9846, 0.2014, 0.1769
Android (android.graphics.Color)	4284386303 (0xFF5E8BFF)
YUV	138.7690, 57.3019, -39.2624
Hunter-Lab	52.9005, 14.9233, -73.1766

Details

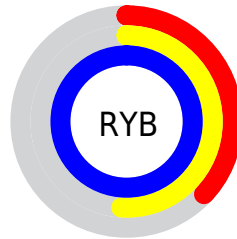
The RYB color **94, 129, 255** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **156, 255, 94**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **157, 183, 255**, and **0, 62, 197** is the 20% darker color. If you saturate the color by 10%, you get **69, 109, 255**, and if you desaturate by 10%, it is **120, 149, 255**.

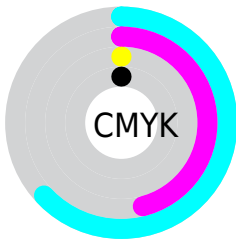
Distribution



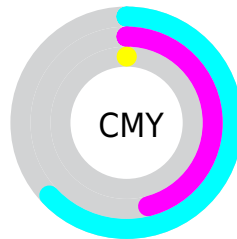
- Red (37%)
- Green (55%)
- Blue (100%)



- Red (37%)
- Yellow (51%)
- Blue (100%)



- Cyan (63%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



















- Cyan (63%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 129, 255 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 94, 129, 255 by changing the saturation by 10% instead.

 94, 129, 255	 94, 129, 255
 255, 255, 255	 58, 100, 226
 157, 183, 255	 0, 62, 197
 188, 209, 255	 0, 48, 170
 218, 235, 255	 0, 35, 143
 249, 252, 255	 0, 22, 116
	 0, 0, 91
	 0, 6, 66
	 0, 3, 43
	 0, 1, 22

■ 94, 129, 255

■ 94, 129, 255

■ 69, 109, 255

■ 120, 149, 255

■ 43, 89, 255

■ 145, 169, 255

■ 18, 69, 255

■ 171, 189, 255

■ 0, 56, 255

■ 196, 209, 255

■ 222, 229, 255

■ 247, 249, 255

255, 255, 255

Harmonies

Analogous

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



0, 98, 255



94, 129, 255



190, 113, 222

Triad

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



94, 129, 255



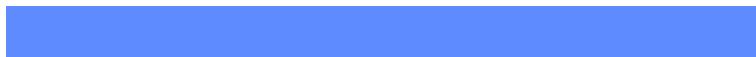
230, 130, 59



0, 100, 170

Complementary

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



94, 129, 255



156, 255, 94

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.



61, 164, 158



94, 129, 255



94, 192, 7

Square

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



94, 129, 255



248, 88, 112



3, 152, 16



0, 87, 178

Rectangle

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



94, 129, 255



225, 96, 189



3, 152, 16



0, 106, 168

Sweetspot

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



94, 129, 255



207, 217, 255



94, 188, 255



98, 104, 128



0, 0, 0



128, 128, 128

Same Dimension

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



94, 129, 255



61, 103, 255



129, 94, 255



115, 117, 128



0, 41, 191



0, 14, 64

Inverse Universe

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



255, 94, 139



255, 61, 115



94, 255, 129



128, 115, 118



191, 0, 53



64, 0, 18

Previews

White Background



This preview shows how the RYB color 94, 129, 255 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 94, 129, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

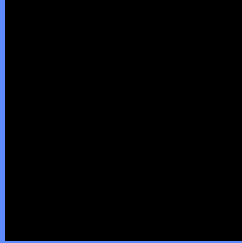
Any Text WCAG AA ✓ Pass

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 94, 129, 255 Background



This preview shows how black text looks on a background with the RYB color 94, 129, 255.



This preview shows how white text looks on a background with the RYB color 94, 129, 255.

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

94, 129, 255

Protanopia

89, 128, 255

Deuteranopia

46, 113, 253



Tritanopia
48, 106, 171

Trichromacy



Original Color
94, 129, 255

Protanomaly
91, 129, 255

Deuteranomaly
63, 119, 254

Tritanomaly
65, 118, 202

Monochromacy



Original Color
94, 129, 255

Achromatopsia
139, 139, 139

Achromatomaly
123, 136, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 129, 255 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(94, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 139, 255)  
}
```

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(94, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 139, 255) }
```

Border

The CSS property to change the border of an element to RYB 94, 129, 255 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(94, 139, 255) }
```

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

```
.border{ border-color:rgb(94, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 139,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 94, 129, 255 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 139, 255) }
```

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

```
.background{ background-color: rgb(94, 139,  
255) }
```

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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