

Converting Colors

`RYB(54, 96, 211)`

Have a look what the booklet for
RYB(54, 96, 211) contains.

RYB(54, 96, 211)	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>	28

Color

R_YB(54, 96, 211)

Conversions

Conversions Part 1

Format	Color
Hex	366FD3
RGB	54, 111, 211
RGB Percent	21%, 44%, 83%
CMY	0.7882, 0.5634, 0.1725
CMYK	0.74, 0.47, 0.00, 0.17
HSL	218°, 64%, 52%
HSV	218°, 74%, 83%
XYZ	19.0007, 16.9304, 63.8945
YIQ	105.3570, -66.0720, 19.0160

Conversions

Conversions Part 2

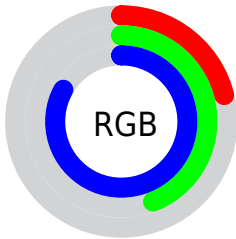
Format	Color
R _Y B	54, 96, 211
Decimal	3567571
CIE Lab	48.17, 15.75, -56.80
CIE LCh	48, 58.944, 285.500
Yxy	16.9304, 0.1903, 0.1696
Android (android.graphics.Color)	4281757651 (0xFF366FD3)
YUV	105.3570, 52.0820, -45.0401
Hunter-Lab	41.1466, 10.4212, -63.2657

Details

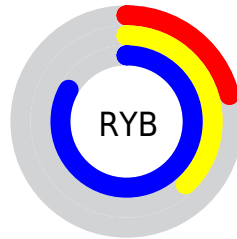
The RYB color **54, 96, 211** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **143, 211, 54**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **121, 152, 255**, and **0, 45, 156** is the 20% darker color. If you saturate the color by 10%, you get **33, 81, 211**, and if you desaturate by 10%, it is **75, 112, 211**.

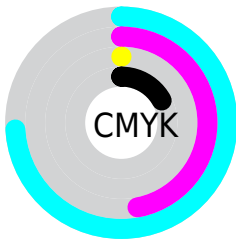
Distribution



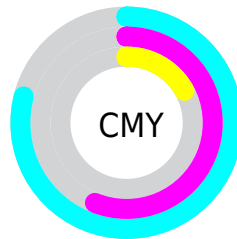
- Red (21%)
- Green (44%)
- Blue (83%)



- Red (21%)
- Yellow (38%)
- Blue (83%)



- Cyan (74%)
- Magenta (47%)
- Yellow (0%)
- Black (17%)




















- Cyan (79%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 54, 96, 211 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 54, 96, 211 by changing the saturation by 10% instead.

 54, 96, 211	 54, 96, 211
 255, 255, 255	 0, 59, 183
 121, 152, 255	 0, 46, 156
 151, 179, 255	 0, 33, 129
 181, 205, 255	 0, 20, 103
 211, 230, 255	 0, 4, 79
 242, 249, 255	 0, 5, 55
	 0, 2, 32
	 0, 0, 5
	 0, 0, 0

■ 54, 96, 211

■ 54, 96, 211

■ 33, 81, 211

■ 75, 112, 211

■ 12, 65, 211

■ 96, 127, 211

■ 0, 56, 211

■ 117, 143, 211

■ 138, 158, 211

■ 160, 173, 211

■ 181, 189, 211

■ 202, 204, 211

■ 220, 223, 211

■ 230, 244, 211

Harmonies

Analogous

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



0, 79, 211



54, 96, 211



149, 89, 185

Triad

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



54, 96, 211



189, 94, 44



0, 83, 136

Complementary

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



54, 96, 211



143, 211, 54

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.



37, 130, 114



54, 96, 211



82, 157, 0

Square

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



54, 96, 211



203, 63, 91



0, 120, 7



0, 69, 140

Rectangle

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



54, 96, 211



181, 73, 157



0, 120, 7



0, 88, 134

Sweetspot

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



54, 96, 211



199, 214, 255



54, 150, 211



94, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



54, 96, 211



28, 89, 255



75, 54, 211



94, 97, 105



0, 45, 168



0, 11, 41

Inverse Universe

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



211, 54, 111



255, 28, 111



54, 211, 75



105, 94, 98



168, 0, 61



41, 0, 15

Previews

White Background



This preview shows how the RYB color 54, 96, 211 looks on a white background.

Color Contrast Check

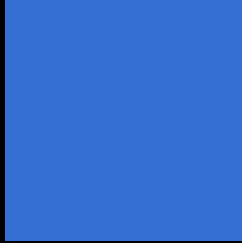
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 54, 96, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

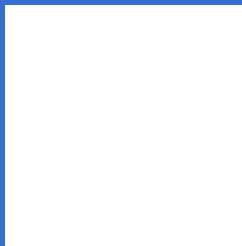
Any Text WCAG AAA × Fail

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

R Y B 54, 96, 211 Background



This preview shows how black text looks on a background with the R Y B color 54, 96, 211.



This preview shows how white text looks on a background with the R Y B color 54, 96, 211.

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



Trichromacy



Original Color

54, 96, 211

Protanomaly

59, 97, 210

Deuteranomaly

20, 83, 207

Monochromacy



Original Color

54, 96, 211

Achromatopsia

106, 106, 106

Achromatomaly

87, 102, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 54, 96, 211 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(54, 111, 211)` looks like.

```
.text, #text, p{  
    color:rgb(54, 111, 211)  
}
```

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(54, 111, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 111, 211) }
```

Border

The CSS property to change the border of an element to RYB 54, 96, 211 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(54, 111, 211) }
```

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

```
.border{ border-color:rgb(54, 111, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 111, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 111, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 111, 211);  
box-shadow:4px 4px 4px 4px rgb(54, 111,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 54, 96, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 111, 211) }
```

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

```
.background{ background-color: rgb(54, 111,  
211) }
```

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