

Converting Colors

`RYB(54, 154, 254)`

Have a look what the booklet for RYB(54, 154, 254) contains.

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Color

RYB(54, 154, 254)

Conversions

Conversions Part 1

Format	Color
Hex	36FEFE
RGB	54, 254, 254
RGB Percent	21%, 100%, 100%
CMY	0.7882, 0.0039, 0.0039
CMYK	0.79, 0.00, 0.00, 0.00
HSL	180°, 99%, 60%
HSV	180°, 79%, 100%
XYZ	54.8525, 78.8236, 106.0894
YIQ	194.2000, -119.2000, -42.4000

Conversions

Conversions Part 2

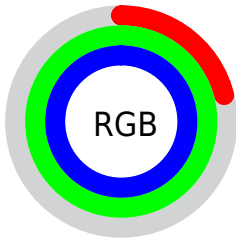
Format	Color
R _Y B	54, 154, 254
Decimal	3604222
CIE Lab	91.15, -45.59, -13.53
CIE LCh	91, 47.553, 196.525
Yxy	78.8236, 0.2288, 0.3288
Android (android.graphics.Color)	4281794302 (0xFF36FEFE)
YUV	194.2000, 29.4814, -122.9554
Hunter-Lab	88.7827, -45.0872, -8.6997

Details

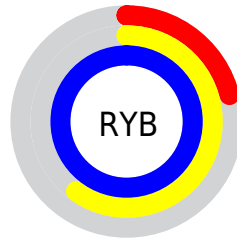
The RYB color **54, 154, 254** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **254, 54, 54**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **136, 196, 255**, and **0, 99, 197** is the 20% darker color. If you saturate the color by 10%, you get **29, 142, 254**, and if you desaturate by 10%, it is **79, 167, 254**.

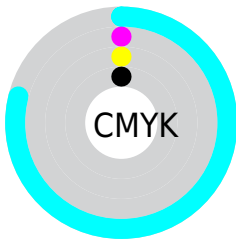
Distribution



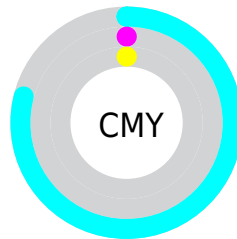
- Red (21%)
- Green (100%)
- Blue (100%)



- Red (21%)
- Yellow (60%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



















- Cyan (79%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 54, 154, 254 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, 154, 254 by changing the saturation by 10% instead.

 54, 154, 254	 54, 154, 254
 255, 255, 255	 0, 113, 225
 136, 196, 255	 0, 99, 197
 170, 213, 255	 0, 85, 170
 203, 229, 255	 0, 71, 144
 235, 245, 255	 0, 58, 118
	 0, 46, 93
	 0, 34, 70
	 0, 23, 48
	 0, 7, 27

■ 54, 154, 254

■ 54, 154, 254

■ 29, 142, 254

■ 79, 167, 254

■ 3, 129, 254

■ 105, 180, 254

■ 0, 127, 254

■ 130, 192, 254

■ 156, 205, 254

■ 181, 218, 254

■ 206, 230, 254

■ 232, 243, 254

255, 254, 254

Harmonies

Analogous

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



124, 202, 253



54, 154, 254



39, 146, 255

Triad

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



54, 154, 254



255, 209, 255



192, 255, 141

Complementary

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



54, 154, 254



254, 54, 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.



255, 234, 165



54, 154, 254



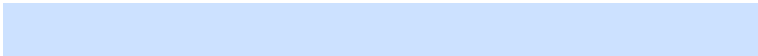
255, 196, 252

Square

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



54, 154, 254



204, 219, 255



255, 195, 206



141, 235, 142

Rectangle

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



54, 154, 254



98, 174, 255



255, 195, 206



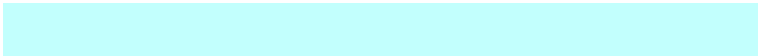
213, 255, 147

Sweetspot

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



54, 154, 254



194, 225, 255



54, 254, 254



91, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



54, 154, 254



15, 135, 255



54, 121, 254



115, 122, 128



0, 96, 191



0, 32, 64

Inverse Universe

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



254, 54, 254



255, 15, 255



254, 254, 54



128, 115, 128



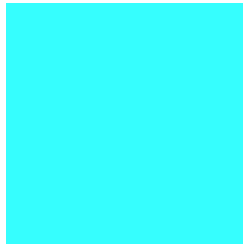
191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RYB color 54, 154, 254 looks on a white background.

Color Contrast Check

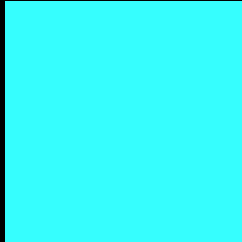
Large Text (above 18pt) WCAG AA × Fail

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 54, 154, 254 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

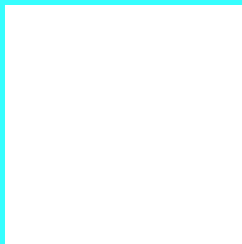
Any Text WCAG AAA ✓ Pass

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

RGB 54, 154, 254 Background



This preview shows how black text looks on a background with the RGB color 54, 154, 254.

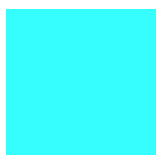


This preview shows how white text looks on a background with the RGB color 54, 154, 254.

Color Blindness Simulation

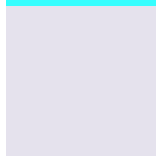
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



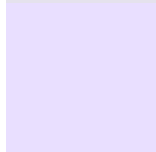
Original Color

54, 154, 254



Protanopia

229, 226, 237



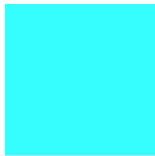
Deuteranopia

233, 223, 255



Tritanopia
158, 203, 255

Trichromacy



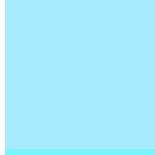
Original Color

54, 154, 254



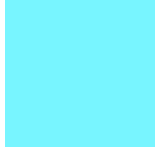
Protanomaly

165, 202, 243



Deuteranomaly

168, 206, 255



Tritanomaly

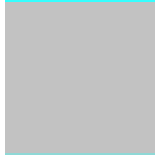
120, 185, 255

Monochromacy



Original Color

54, 154, 254



Achromatopsia

194, 194, 194



Achromatomaly

143, 180, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 54, 154, 254 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, 254, 254) looks like.

```
.text, #text, p{  
    color:rgb(54, 254, 254)  
}
```

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, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 254, 254) }
```

Border

The CSS property to change the border of an element to RYB 54, 154, 254 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, 254, 254) }
```

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

```
.border{ border-color:rgb(54, 254, 254) }
```

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

Here you see how a box with a 4 pixel rgb(54, 254, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(54, 254,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 54, 154, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 254, 254) }
```

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

```
.background{ background-color: rgb(54, 254,  
254) }
```

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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