

Converting Colors

`RYB(54, 150, 206)`

Have a look what the booklet for
RYB(54, 150, 206) contains.

RYB(54, 150, 206)	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

RYB(54, 150, 206)

Conversions

Conversions Part 1

Format	Color
Hex	36CE8F
RGB	54, 206, 143
RGB Percent	21%, 81%, 56%
CMY	0.7882, 0.1922, 0.4405
CMYK	0.74, 0.00, 0.31, 0.19
HSL	155°, 61%, 51%
HSV	155°, 74%, 81%
XYZ	28.5253, 46.9000, 33.4036
YIQ	153.3700, -70.3690, -51.8170

Conversions

Conversions Part 2

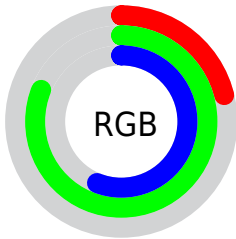
Format	Color
RYB	54, 150, 206
Decimal	3591823
CIELab	74.13, -53.71, 20.50
CIELCh	74, 57.492, 159.109
Yxy	46.9000, 0.2621, 0.4310
Android (android.graphics.Color)	4281781903 (0xFF36CE8F)
YUV	153.3700, -5.1124, -87.1475
Hunter-Lab	68.4835, -45.4959, 19.0192

Details

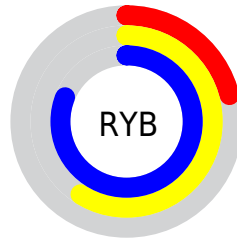
The RYB color **54, 150, 206** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **206, 54, 117**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **122, 207, 255**, and **0, 93, 150** is the 20% darker color. If you saturate the color by 10%, you get **33, 142, 206**, and if you desaturate by 10%, it is **75, 158, 206**.

Distribution



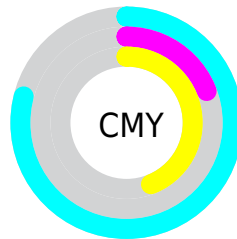
- Red (21%)
- Green (81%)
- Blue (56%)



- Red (21%)
- Yellow (59%)
- Blue (81%)



- Cyan (74%)
- Magenta (0%)
- Yellow (31%)
- Black (19%)








- Cyan (79%)
- Magenta (19%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 54, 150, 206 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, 150, 206 by changing the saturation by 10% instead.

 54, 150, 206	 54, 150, 206
 255, 255, 255	 0, 107, 178
 122, 207, 255	 0, 93, 150
 152, 212, 255	 0, 80, 124
 182, 219, 255	 0, 67, 98
 213, 234, 255	 0, 55, 73
 243, 249, 255	 0, 49, 49
	 0, 23, 23
	 0, 0, 0

 54, 150, 206  54, 150, 206

■ 33, 142, 206

■ 75, 158, 206

■ 13, 135, 206

■ 95, 165, 206

■ 0, 130, 206

■ 116, 173, 206

■ 136, 180, 206

■ 157, 188, 206

■ 178, 196, 206

■ 198, 203, 206

■ 219, 206, 211

■ 239, 206, 220

Harmonies

Analogous

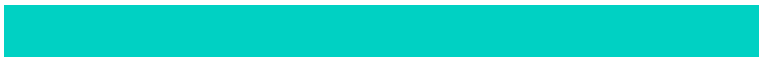
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97, 198, 155



54, 150, 206



0, 108, 209

Triad

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



54, 150, 206



118, 162, 255



255, 155, 118

Complementary

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



54, 150, 206



206, 54, 117

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, 136, 168



54, 150, 206



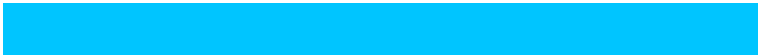
207, 162, 255

Square

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



54, 150, 206



0, 111, 255



255, 143, 221



230, 243, 82

Rectangle

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



54, 150, 206



0, 110, 232



255, 143, 221



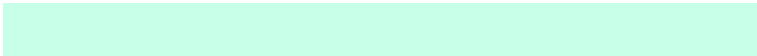
255, 143, 134

Sweetspot

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



54, 150, 206



199, 234, 255



54, 206, 143



94, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



54, 150, 206



28, 172, 255



54, 127, 206



92, 98, 102



0, 105, 166



0, 24, 38

Inverse Universe

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



206, 54, 117



255, 28, 123



206, 68, 54



102, 92, 96



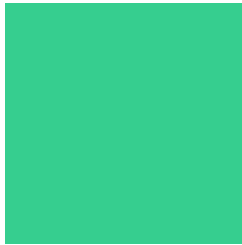
166, 0, 69



38, 0, 16

Previews

White Background



This preview shows how the RYB color 54, 150, 206 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, 150, 206 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 54, 150, 206 Background



This preview shows how black text looks on a background with the RYB color 54, 150, 206.

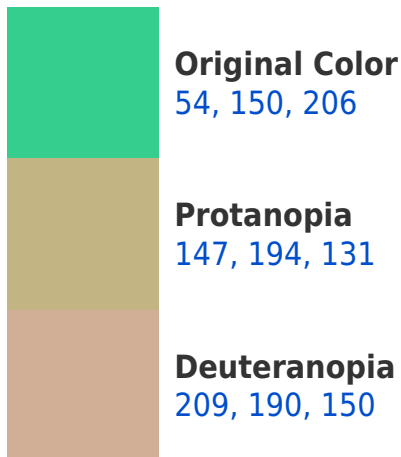


This preview shows how white text looks on a background with the RYB color 54, 150, 206.

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
86, 145, 213

Trichromacy



Original Color

54, 150, 206



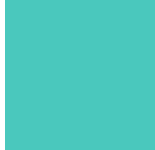
Protanomaly

135, 190, 182



Deuteranomaly

147, 186, 180



Tritanomaly

74, 140, 200

Monochromacy



Original Color

54, 150, 206



Achromatopsia

153, 153, 153



Achromatomaly

117, 152, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 54, 150, 206 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, 206, 143)` looks like.

```
.text, #text, p{  
    color:rgb(54, 206, 143)  
}
```

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, 206, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 206, 143) }
```

Border

The CSS property to change the border of an element to RYB 54, 150, 206 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, 206, 143) }
```

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

```
.border{ border-color:rgb(54, 206, 143) }
```

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

Here you see how a box with a 4 pixel rgb(54, 206, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 206, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 206, 143);  
box-shadow:4px 4px 4px 4px rgb(54, 206,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 54, 150, 206 is called "background".

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

```
.background, #background, body{  
background: rgb(54, 206, 143) }
```

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

```
.background{ background-color: rgb(54, 206,  
143) }
```

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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