

Converting Colors

`RYB(52, 210, 244)`

Have a look what the booklet for
RYB(52, 210, 244) contains.

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Color

`RYB(52, 210, 244)`

Conversions

Conversions Part 1

Format	Color
Hex	34F45D
RGB	52, 244, 93
RGB Percent	20%, 96%, 36%
CMY	0.7961, 0.0431, 0.6341
CMYK	0.79, 0.00, 0.62, 0.04
HSL	133°, 90%, 58%
HSV	133°, 79%, 96%
XYZ	35.7567, 66.2274, 21.3282
YIQ	169.3780, -65.9610, -87.6650

Conversions

Conversions Part 2

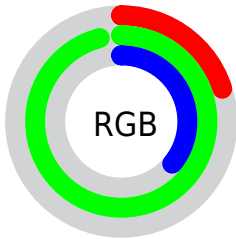
Format	Color
R _Y B	52, 210, 244
Decimal	3470429
CIE Lab	85.11, -74.88, 58.18
CIE LCh	85, 94.827, 142.155
Yxy	66.2274, 0.2900, 0.5371
Android (android.graphics.Color)	4281660509 (0xFF34F45D)
YUV	169.3780, -37.6544, -102.9405
Hunter-Lab	81.3802, -63.9863, 41.4274

Details

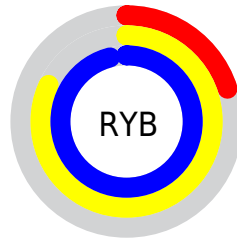
The RYB color **52, 210, 244** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **244, 52, 203**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **130, 239, 255**, and **0, 157, 186** is the 20% darker color. If you saturate the color by 10%, you get **28, 206, 244**, and if you desaturate by 10%, it is **76, 214, 244**.

Distribution



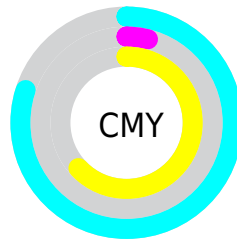
- Red (20%)
- Green (96%)
- Blue (36%)



- Red (20%)
- Yellow (82%)
- Blue (96%)



- Cyan (79%)
- Magenta (0%)
- Yellow (62%)
- Black (4%)













- Cyan (80%)
- Magenta (4%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 52, 210, 244 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 52, 210, 244 by changing the saturation by 10% instead.

 52, 210, 244	 52, 210, 244
255, 255, 255	 0, 165, 215
 130, 239, 255	 0, 156, 186
 162, 243, 255	 0, 158, 158
 194, 246, 255	 0, 131, 131
 226, 249, 255	 0, 104, 104
	 0, 78, 78
	 0, 53, 53
	 0, 26, 26
	 0, 0, 0


 52, 210, 244

 52, 210, 244

 28, 206, 244

 76, 214, 244

 3, 201, 244

 101, 219, 244

 0, 200, 244

 125, 223, 244

 150, 228, 244

 174, 232, 244

 198, 236, 244

 223, 241, 244

 247, 244, 247

 255, 244, 255

Harmonies

Analogous

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



0, 228, 38



52, 210, 244



0, 145, 252

Triad

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



52, 210, 244



0, 121, 255



255, 123, 151

Complementary

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



52, 210, 244



244, 52, 203

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, 119, 240



52, 210, 244



158, 187, 255

Square

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



52, 210, 244



0, 125, 255



255, 156, 255



253, 255, 68

Rectangle

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



52, 210, 244



0, 128, 253



255, 156, 255



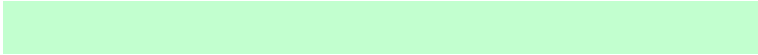
255, 116, 180

Sweetspot

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



52, 210, 244



194, 244, 255



52, 244, 90



91, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



52, 210, 244



15, 212, 255



52, 165, 244



110, 120, 122



0, 153, 186



0, 48, 59

Inverse Universe

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



244, 52, 203



255, 15, 203



244, 52, 110



122, 110, 120



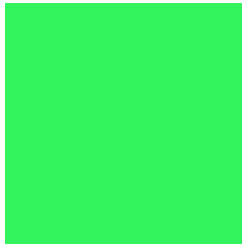
186, 0, 146



59, 0, 46

Previews

White Background



This preview shows how the RYB color 52, 210, 244 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 52, 210, 244 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 52, 210, 244 Background



This preview shows how black text looks on a background with the RGB color 52, 210, 244.

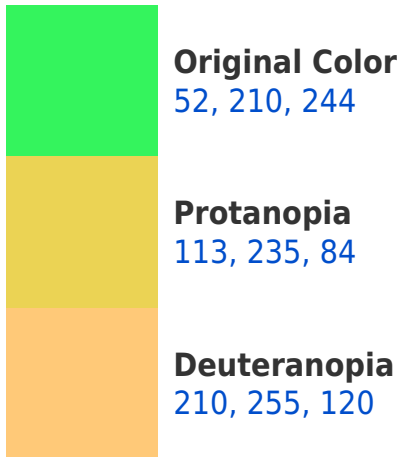


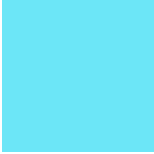
This preview shows how white text looks on a background with the RGB color 52, 210, 244.

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
108, 173, 247

Trichromacy



Original Color

52, 210, 244



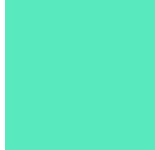
Protanomaly

87, 223, 142



Deuteranomaly

110, 217, 146



Tritanomaly

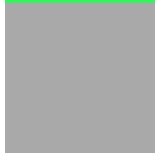
88, 174, 234

Monochromacy



Original Color

52, 210, 244



Achromatopsia

169, 169, 169



Achromatomaly

126, 184, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 52, 210, 244 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(52, 244, 93)` looks like.

```
.text, #text, p{  
    color:rgb(52, 244, 93)  
}
```

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(52, 244, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 244, 93) }
```

Border

The CSS property to change the border of an element to RYB 52, 210, 244 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(52, 244, 93) }
```

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

```
.border{ border-color:rgb(52, 244, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 244, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 244, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 244, 93);  
box-shadow:4px 4px 4px 4px rgb(52, 244,  
93) }
```

Background

The CSS property to change the background color of an element to RYB 52, 210, 244 is called "background".

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

```
.background, #background, body{  
background: rgb(52, 244, 93) }
```

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

```
.background{ background-color: rgb(52, 244,  
93) }
```

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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