

Converting Colors

RGB(54, 249, 253)

Have a look what the booklet for
RGB(54, 249, 253) contains.

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Color

RGB(54, 249, 253)

Conversions

Conversions Part 1	
Format	Color
Hex	36F9FD
RGB	54, 249, 253
RGB Percent	21%, 98%, 99%
CMY	0.7882, 0.0235, 0.0078
CMYK	0.79, 0.02, 0.00, 0.01
HSL	181°, 98%, 60%
HSV	181°, 79%, 99%
XYZ	53.1266, 75.6275, 104.7260
YIQ	191.1510, -117.5040, -40.0960

Conversions

Conversions Part 2

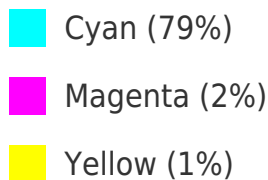
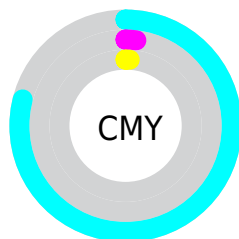
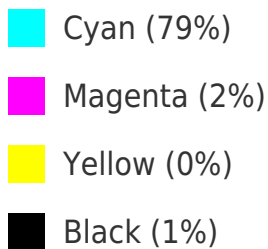
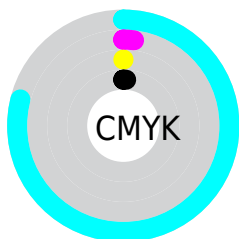
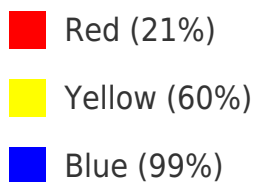
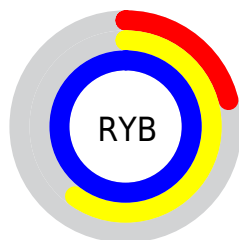
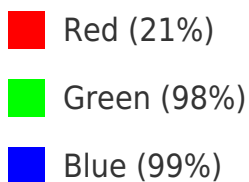
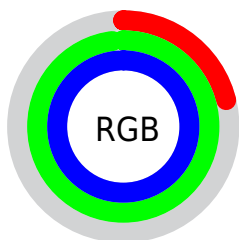
Format	Color
RYB	54, 152, 253
Decimal	3602941
CIELab	89.69, -43.67, -15.20
CIELCh	90, 46.243, 199.195
Yxy	75.6275, 0.2275, 0.3239
Android (android.graphics.Color)	4281793021 (0xFF36F9FD)
YUV	191.1510, 30.4916, -120.2814
Hunter-Lab	86.9641, -43.1409, -10.5248

Details

The RGB color **54, 249, 253** 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 **253, 58, 54**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **135, 255, 255**, and **0, 192, 196** is the 20% darker color. If you saturate the color by 10%, you get **29, 248, 253**, and if you desaturate by 10%, it is **79, 250, 253**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 54, 249, 253 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 RGB color 54, 249, 253 by changing the saturation by 10% instead.

 54, 249, 253

 54, 249, 253

255, 255, 255

 0, 220, 224

 135, 255, 255

 0, 192, 196

 169, 255, 255

 0, 164, 169

 201, 255, 255

 0, 137, 143

 234, 255, 255

 0, 111, 117

 0, 86, 93

 0, 61, 69

 0, 40, 47

 0, 1, 27

 54, 249, 253

 54, 249, 253

 29, 248, 253

 79, 250, 253

 3, 248, 253

 105, 250, 253

 0, 248, 253

 130, 251, 253

 155, 251, 253

 181, 252, 253

 206, 252, 253

 231, 253, 253

 255, 253, 253

 255, 254, 253

Harmonies

Analogous

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



118, 248, 207



54, 249, 253



55, 245, 255

Triad

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



54, 249, 253



255, 204, 255



255, 217, 139

Complementary

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



54, 249, 253



253, 58, 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, 202, 160



54, 249, 253



255, 193, 243

Square

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



54, 249, 253



207, 220, 255



255, 192, 199



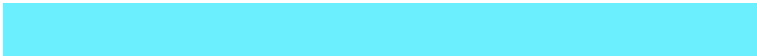
226, 232, 141

Rectangle

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



54, 249, 253



107, 239, 255



255, 192, 199



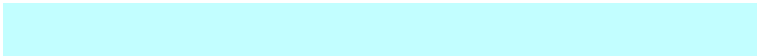
255, 212, 143

Sweetspot

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



54, 249, 253



194, 254, 255



54, 253, 57



91, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



54, 249, 253



15, 250, 255



54, 150, 253



115, 127, 128



0, 187, 191



0, 62, 64

Inverse Universe

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



253, 54, 249



255, 15, 250



253, 157, 54



128, 115, 127



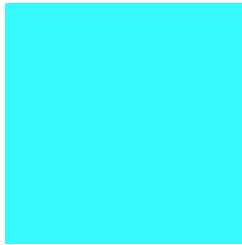
191, 0, 187



64, 0, 62

Previews

White Background



This preview shows how the RGB color 54, 249, 253 looks on a white background.

Color Contrast Check

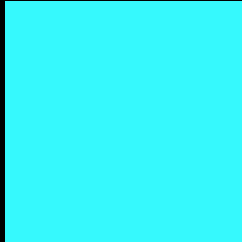
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 54, 249, 253 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, 249, 253 Background



This preview shows how black text looks on a background with the RGB color 54, 249, 253.



This preview shows how white text looks on a background with the RGB color 54, 249, 253.

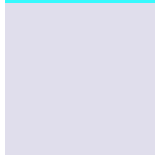
Color Blindness Simulation

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, 249, 253



Protanopia
224, 222, 236



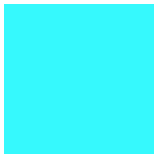
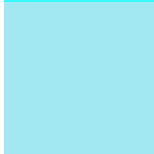
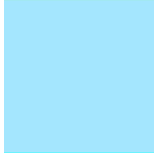
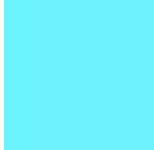
Deuteranopia
227, 219, 255



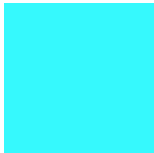
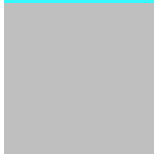
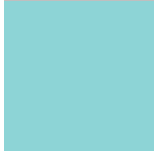
Tritanopia

137, 240, 255

Trichromacy

	Original Color 54, 249, 253
	Protanomaly 162, 232, 242
	Deuteranomaly 164, 230, 254
	Tritanomaly 107, 243, 254

Monochromacy

	Original Color 54, 249, 253
	Achromatopsia 191, 191, 191
	Achromatomaly 141, 212, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 54, 249, 253 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, 249, 253) looks like.

```
.text, #text, p{  
    color:rgb(54, 249, 253)  
}
```

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, 249, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 249, 253) }
```

Border

The CSS property to change the border of an element to RGB 54, 249, 253 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, 249, 253) }
```

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

```
.border{ border-color:rgb(54, 249, 253) }
```

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

Here you see how a box with a 4 pixel rgb(54, 249, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 249, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 249, 253);  
box-shadow:4px 4px 4px 4px rgb(54, 249,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 54, 249, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 249, 253) }
```

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

```
.background{ background-color: rgb(54, 249,  
253) }
```

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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