

Converting Colors

RGB(56, 218, 255)

Have a look what the booklet for
RGB(56, 218, 255) contains.

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Color

RGB(56, 218, 255)

Conversions

Conversions Part 1

Format	Color
Hex	38DAFF
RGB	56, 218, 255
RGB Percent	22%, 85%, 100%
CMY	0.7804, 0.1451, 0.0000
CMYK	0.78, 0.15, 0.00, 0.00
HSL	191°, 100%, 61%
HSV	191°, 78%, 100%
XYZ	44.7523, 58.2036, 103.4835
YIQ	173.7800, -108.4290, -22.8370

Conversions

Conversions Part 2

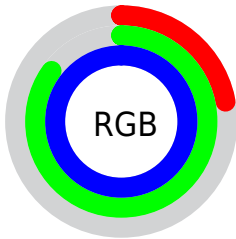
Format	Color
R _{YB}	56, 145, 255
Decimal	3726079
CIE Lab	80.85, -28.48, -29.65
CIE LCh	81, 41.116, 226.152
Yxy	58.2036, 0.2168, 0.2819
Android (android.graphics.Color)	4281916159 (0xFF38DAFF)
YUV	173.7800, 40.0415, -103.2931
Hunter-Lab	76.2913, -28.8020, -27.0186

Details

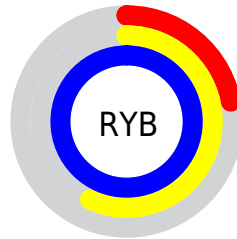
The RGB color **56, 218, 255** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **255, 93, 56**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **133, 255, 255**, and **0, 163, 198** is the 20% darker color. If you saturate the color by 10%, you get **30, 213, 255**, and if you desaturate by 10%, it is **82, 223, 255**.

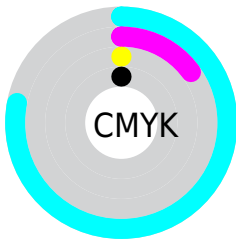
Distribution



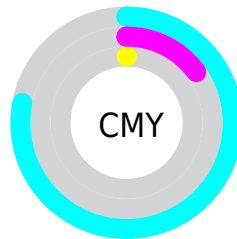
- Red (22%)
- Green (85%)
- Blue (100%)



- Red (22%)
- Yellow (57%)
- Blue (100%)



- Cyan (78%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



















- Cyan (78%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 56, 218, 255 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 56, 218, 255 by changing the saturation by 10% instead.

 56, 218, 255	 56, 218, 255
 255, 255, 255	 0, 190, 226
 133, 255, 255	 0, 163, 198
 166, 255, 255	 0, 136, 171
 198, 255, 255	 0, 111, 144
 230, 255, 255	 0, 86, 118
	 0, 62, 94
	 0, 40, 70
	 0, 10, 47
	 0, 1, 26

■ 56, 218, 255

■ 56, 218, 255

■ 30, 213, 255

■ 82, 223, 255

■ 5, 209, 255

■ 107, 227, 255

■ 0, 208, 255

■ 132, 232, 255

■ 158, 237, 255

■ 183, 242, 255

■ 209, 246, 255

■ 235, 251, 255

255, 255, 255

Harmonies

Analogous

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



63, 221, 221



56, 218, 255



116, 210, 255

Triad

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



56, 218, 255



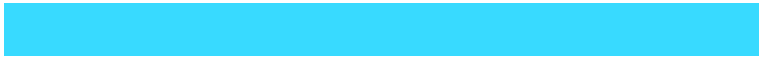
255, 173, 220



206, 205, 126

Complementary

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



56, 218, 255



255, 93, 56

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.



242, 192, 126



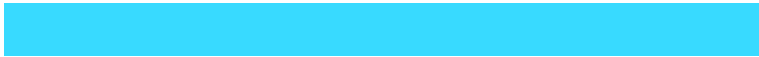
56, 218, 255



255, 172, 181

Square

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



56, 218, 255



231, 183, 254



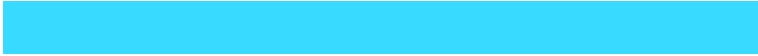
255, 179, 147



162, 215, 146

Rectangle

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



56, 218, 255



159, 202, 255



255, 179, 147



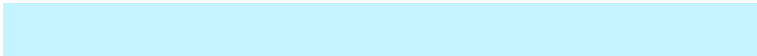
219, 201, 123

Sweetspot

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



56, 218, 255



196, 244, 255



56, 255, 92



92, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



56, 218, 255



15, 210, 255



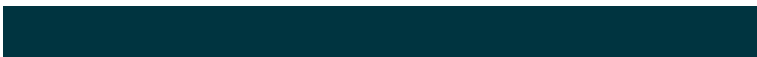
56, 119, 255



115, 125, 128



0, 156, 191



0, 52, 64

Inverse Universe

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



255, 56, 218



255, 15, 210



255, 192, 56



128, 115, 125



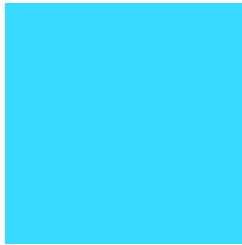
191, 0, 156



64, 0, 52

Previews

White Background



This preview shows how the RGB color 56, 218, 255 looks on a white background.

Color Contrast Check

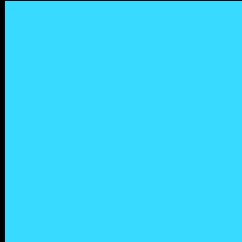
Large Text (above 18pt) WCAG AA × Fail

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 56, 218, 255 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 56, 218, 255 Background



This preview shows how black text looks on a background with the RGB color 56, 218, 255.

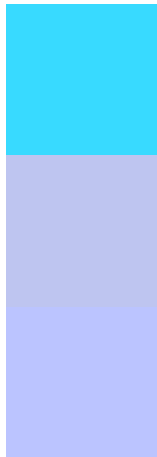


This preview shows how white text looks on a background with the RGB color 56, 218, 255.

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](#).

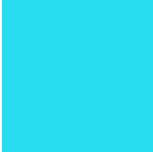
Dichromacy



Original Color
56, 218, 255

Protanopia
190, 197, 240

Deuteranopia
187, 196, 255



Tritanopia
39, 221, 239

Trichromacy



Original Color

56, 218, 255



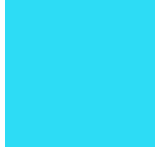
Protanomaly

141, 205, 245



Deuteranomaly

139, 204, 255



Tritanomaly

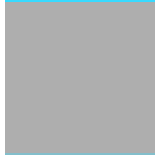
45, 220, 245

Monochromacy



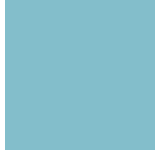
Original Color

56, 218, 255



Achromatopsia

174, 174, 174



Achromatomaly

131, 190, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 56, 218, 255 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(56, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(56, 218, 255)  
}
```

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(56, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 218, 255) }
```

Border

The CSS property to change the border of an element to RGB 56, 218, 255 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(56, 218, 255) }
```

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

```
.border{ border-color:rgb(56, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(56, 218,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 56, 218, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 218, 255) }
```

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

```
.background{ background-color: rgb(56, 218,  
255) }
```

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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