

Converting Colors

RGB(58, 230, 253)

Have a look what the booklet for
RGB(58, 230, 253) contains.

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Color

RGB(58, 230, 253)

Conversions

Conversions Part 1

Format	Color
Hex	3AE6FD
RGB	58, 230, 253
RGB Percent	23%, 90%, 99%
CMY	0.7725, 0.0980, 0.0078
CMYK	0.77, 0.09, 0.00, 0.01
HSL	187°, 98%, 61%
HSV	187°, 77%, 99%
XYZ	47.7714, 64.5850, 102.8768
YIQ	181.1940, -109.8950, -29.3110

Conversions

Conversions Part 2

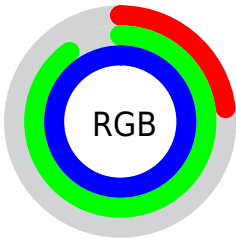
Format	Color
RYB	58, 149, 253
Decimal	3860221
CIELab	84.27, -34.66, -23.37
CIELCh	84, 41.803, 213.998
Yxy	64.5850, 0.2220, 0.3001
Android (android.graphics.Color)	4282050301 (0xFF3AE6FD)
YUV	181.1940, 35.4004, -108.0411
Hunter-Lab	80.3648, -34.5324, -19.6431

Details

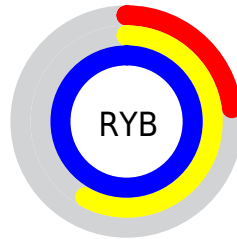
The RGB color **58, 230, 253** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **253, 81, 58**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **135, 255, 255**, and **0, 174, 196** is the 20% darker color. If you saturate the color by 10%, you get **33, 227, 253**, and if you desaturate by 10%, it is **83, 233, 253**.

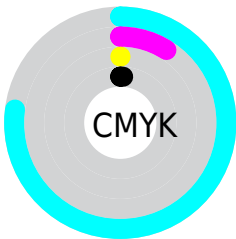
Distribution



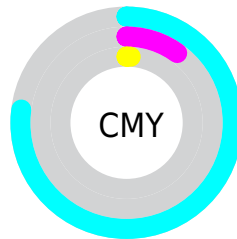
- Red (23%)
- Green (90%)
- Blue (99%)



- Red (23%)
- Yellow (58%)
- Blue (99%)



- Cyan (77%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



















- Cyan (77%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 58, 230, 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 58, 230, 253 by changing the saturation by 10% instead.

 58, 230, 253	 58, 230, 253
 255, 255, 255	 0, 202, 224
 135, 255, 255	 0, 174, 196
 168, 255, 255	 0, 147, 169
 200, 255, 255	 0, 121, 143
 232, 255, 255	 0, 96, 117
	 0, 71, 92
	 0, 48, 69
	 0, 25, 46
	 0, 1, 25

■ 58, 230, 253

■ 58, 230, 253

■ 33, 227, 253

■ 83, 233, 253

■ 7, 224, 253

■ 109, 236, 253

■ 0, 223, 253

■ 134, 239, 253

■ 159, 242, 253

■ 185, 245, 253

■ 210, 248, 253

■ 235, 251, 253

255, 254, 253

255, 255, 253

Harmonies

Analogous

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



91, 232, 214



58, 230, 253



98, 224, 255

Triad

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



58, 230, 253



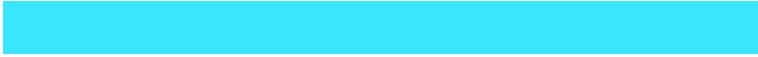
255, 185, 246



232, 210, 131

Complementary

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



58, 230, 253



253, 81, 58

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, 196, 140



58, 230, 253



255, 180, 206

Square

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



58, 230, 253



222, 198, 255



255, 184, 168



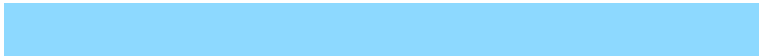
189, 221, 144

Rectangle

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



58, 230, 253



141, 217, 255



255, 184, 168



244, 205, 132

Sweetspot

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



58, 230, 253



196, 248, 255



58, 253, 81



92, 123, 128



0, 0, 0



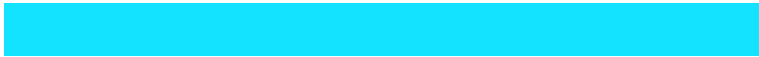
128, 128, 128

Same Dimension

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



58, 230, 253



20, 227, 255



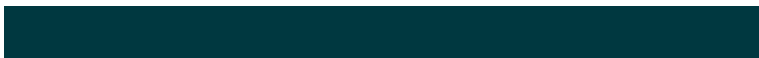
58, 133, 253



115, 126, 128



0, 169, 191



0, 56, 64

Inverse Universe

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



253, 58, 230



255, 20, 227



253, 178, 58



128, 115, 126



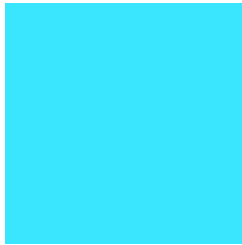
191, 0, 169



64, 0, 56

Previews

White Background



This preview shows how the RGB color 58, 230, 253 looks on a white background.

Color Contrast Check

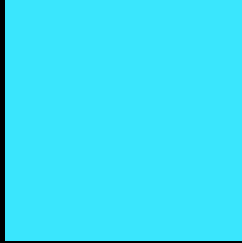
Large Text (above 18pt) WCAG AA × Fail

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 58, 230, 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 58, 230, 253 Background



This preview shows how black text looks on a background with the RGB color 58, 230, 253.

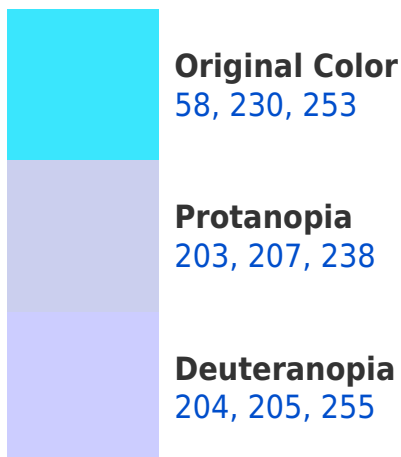


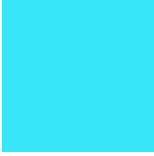
This preview shows how white text looks on a background with the RGB color 58, 230, 253.

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





Tritanopia
55, 231, 249

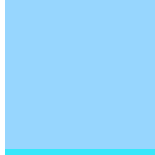
Trichromacy



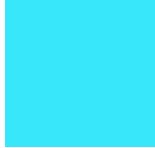
Original Color
58, 230, 253



Protanomaly
150, 215, 243



Deuteranomaly
151, 214, 254

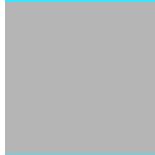


Tritanomaly
56, 231, 250

Monochromacy



Original Color
58, 230, 253



Achromatopsia
181, 181, 181



Achromatomaly
136, 199, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 58, 230, 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(58, 230, 253)` looks like.

```
.text, #text, p{  
    color:rgb(58, 230, 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(58, 230, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 230, 253) }
```

Border

The CSS property to change the border of an element to RGB 58, 230, 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(58, 230, 253) }
```

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

```
.border{ border-color:rgb(58, 230, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 230, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 230, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 230, 253);  
box-shadow:4px 4px 4px 4px rgb(58, 230,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 58, 230, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 230, 253) }
```

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

```
.background{ background-color: rgb(58, 230,  
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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