

Converting Colors

RGB(60, 190, 238)

Have a look what the booklet for
RGB(60, 190, 238) contains.

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Color

RGB(60, 190, 238)

Conversions

Conversions Part 1

Format	Color
Hex	3CBEEE
RGB	60, 190, 238
RGB Percent	24%, 75%, 93%
CMY	0.7647, 0.2549, 0.0667
CMYK	0.75, 0.20, 0.00, 0.07
HSL	196°, 84%, 58%
HSV	196°, 75%, 93%
XYZ	35.7096, 43.9606, 87.4921
YIQ	156.6020, -92.8880, -12.6320

Conversions

Conversions Part 2

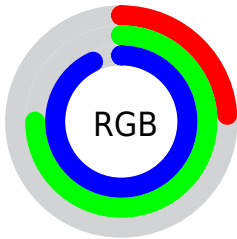
Format	Color
RYB	60, 135, 238
Decimal	3981038
CIELab	72.20, -19.39, -33.86
CIELCh	72, 39.025, 240.201
Yxy	43.9606, 0.2136, 0.2630
Android (android.graphics.Color)	4282171118 (0xFF3CBEEE)
YUV	156.6020, 40.1292, -84.7200
Hunter-Lab	66.3028, -19.8929, -31.8261

Details

The RGB color **60, 190, 238** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **238, 108, 60**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **131, 246, 255**, and **0, 137, 182** is the 20% darker color. If you saturate the color by 10%, you get **36, 184, 238**, and if you desaturate by 10%, it is **84, 196, 238**.

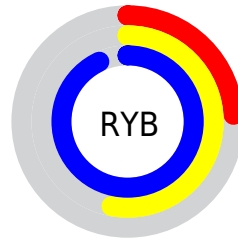
Distribution



Red (24%)

Green (75%)

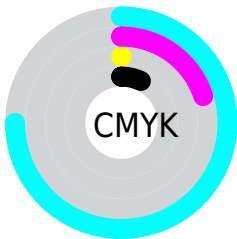
Blue (93%)



Red (24%)

Yellow (53%)

Blue (93%)

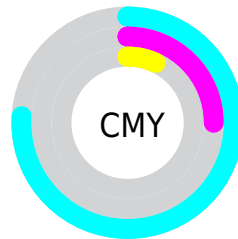


Cyan (75%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (76%)

















Magenta (25%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 60, 190, 238 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 60, 190, 238 by changing the saturation by 10% instead.

 60, 190, 238	 60, 190, 238
 255, 255, 255	 0, 163, 210
 131, 246, 255	 0, 137, 182
 162, 255, 255	 0, 111, 155
 193, 255, 255	 0, 87, 129
 224, 255, 255	 0, 63, 103
	 0, 41, 79
	 0, 18, 56
	 0, 2, 34
	 0, 0, 8

■ 60, 190, 238

■ 60, 190, 238

■ 36, 184, 238

■ 84, 196, 238

■ 12, 177, 238

■ 108, 203, 238

■ 0, 174, 238

■ 131, 209, 238

■ 155, 216, 238

■ 179, 222, 238

■ 203, 229, 238

■ 227, 235, 238

■ 250, 241, 238

■ 255, 248, 238

Harmonies

Analogous

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



17, 195, 212



60, 190, 238



125, 180, 248

Triad

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



60, 190, 238



244, 149, 178



163, 186, 114

Complementary

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



60, 190, 238



238, 108, 60

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.



200, 175, 105



60, 190, 238



245, 152, 143

Square

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



60, 190, 238



222, 156, 213



229, 163, 116



120, 193, 140

Rectangle

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



60, 190, 238



164, 172, 244



229, 163, 116



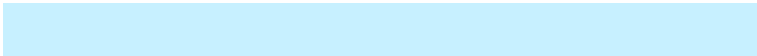
176, 182, 109

Sweetspot

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



60, 190, 238



199, 240, 255



60, 238, 107



94, 119, 128



0, 0, 0



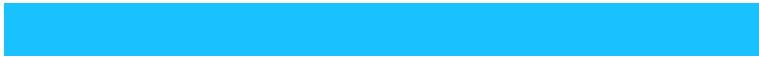
128, 128, 128

Same Dimension

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



60, 190, 238



25, 193, 255



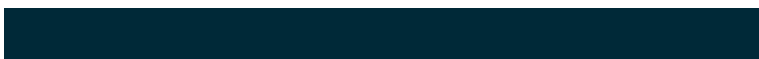
60, 102, 238



108, 117, 120



0, 134, 184



0, 41, 56

Inverse Universe

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



238, 60, 190



255, 25, 193



238, 196, 60



120, 108, 117



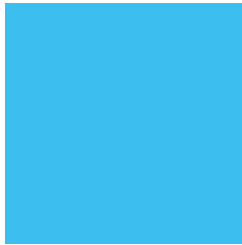
184, 0, 134



56, 0, 41

Previews

White Background



This preview shows how the RGB color 60, 190, 238 looks on a white background.

Color Contrast Check

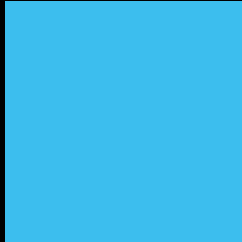
Large Text (above 18pt) WCAG AA × Fail

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 60, 190, 238 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 60, 190, 238 Background



This preview shows how black text looks on a background with the RGB color 60, 190, 238.

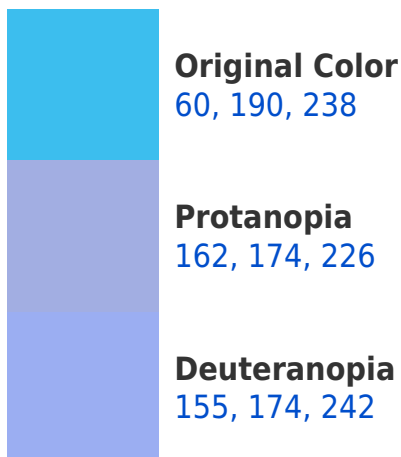


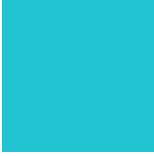
This preview shows how white text looks on a background with the RGB color 60, 190, 238.

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
34, 195, 211

Trichromacy



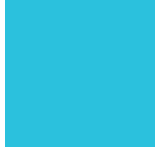
Original Color
60, 190, 238



Protanomaly
125, 180, 230



Deuteranomaly
120, 180, 241



Tritanomaly
43, 193, 221

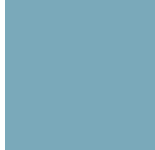
Monochromacy



Original Color
60, 190, 238



Achromatopsia
157, 157, 157



Achromatomaly
122, 169, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 60, 190, 238 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(60, 190, 238)` looks like.

```
.text, #text, p{  
    color:rgb(60, 190, 238)  
}
```

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(60, 190, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 190, 238) }
```

Border

The CSS property to change the border of an element to RGB 60, 190, 238 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(60, 190, 238) }
```

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

```
.border{ border-color:rgb(60, 190, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 190, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 190, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 190, 238);  
box-shadow:4px 4px 4px 4px rgb(60, 190,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 60, 190, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 190, 238) }
```

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

```
.background{ background-color: rgb(60, 190,  
238) }
```

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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