

Converting Colors

RGB(66, 178, 240)

Have a look what the booklet for
RGB(66, 178, 240) contains.

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Color

RGB(66, 178, 240)

Conversions

Conversions Part 1

Format	Color
Hex	42B2F0
RGB	66, 178, 240
RGB Percent	26%, 70%, 94%
CMY	0.7412, 0.3020, 0.0588
CMYK	0.72, 0.26, 0.00, 0.06
HSL	201°, 85%, 60%
HSV	201°, 72%, 94%
XYZ	33.8953, 39.2903, 88.2354
YIQ	151.5800, -86.6540, -4.4620

Conversions

Conversions Part 2

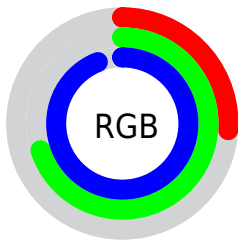
Format	Color
R _{YB}	66, 134, 240
Decimal	4371184
CIE Lab	68.96, -11.64, -39.98
CIE LCh	69, 41.638, 253.767
Yxy	39.2903, 0.2100, 0.2434
Android (android.graphics.Color)	4282561264 (0xFF42B2F0)
YUV	151.5800, 43.5911, -75.0537
Hunter-Lab	62.6820, -13.1694, -39.5832

Details

The RGB color **66, 178, 240** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **240, 128, 66**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **134, 234, 255**, and **0, 126, 184** is the 20% darker color. If you saturate the color by 10%, you get **42, 169, 240**, and if you desaturate by 10%, it is **90, 187, 240**.

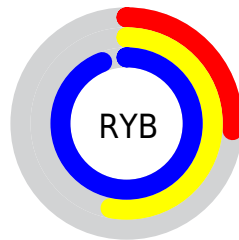
Distribution



Red (26%)

Green (70%)

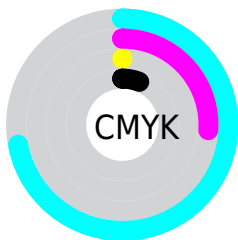
Blue (94%)



Red (26%)

Yellow (53%)

Blue (94%)

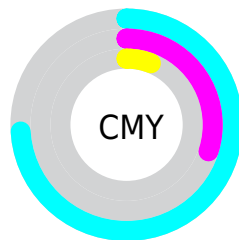


Cyan (72%)

Magenta (26%)

Yellow (0%)

Black (6%)



Cyan (74%)

















Magenta (30%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 66, 178, 240 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 66, 178, 240 by changing the saturation by 10% instead.

 66, 178, 240	 66, 178, 240
 255, 255, 255	 3, 151, 211
 134, 234, 255	 0, 126, 184
 165, 255, 255	 0, 101, 157
 196, 255, 255	 0, 77, 130
 227, 255, 255	 0, 54, 105
	 0, 33, 80
	 0, 5, 57
	 0, 2, 35
	 0, 0, 9

■ 66, 178, 240

■ 66, 178, 240

■ 42, 169, 240

■ 90, 187, 240

■ 18, 161, 240

■ 114, 195, 240

■ 0, 154, 240

■ 138, 204, 240

■ 162, 212, 240

■ 186, 221, 240

■ 210, 229, 240

■ 234, 238, 240

■ 255, 246, 240

■ 255, 255, 240

Harmonies

Analogous

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



0, 185, 219



66, 178, 240



140, 166, 241

Triad

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



66, 178, 240



241, 138, 152



133, 181, 112

Complementary

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



66, 178, 240



240, 128, 66

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.



175, 172, 93



66, 178, 240



234, 146, 118

Square

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



66, 178, 240



228, 141, 190



210, 159, 96



82, 187, 146

Rectangle

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



66, 178, 240



178, 157, 231



210, 159, 96



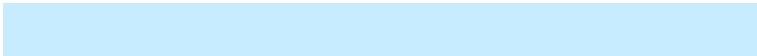
148, 178, 104

Sweetspot

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



66, 178, 240



199, 235, 255



66, 240, 127



94, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



66, 178, 240



33, 176, 255



66, 92, 240



108, 116, 120



0, 118, 184



0, 36, 56

Inverse Universe

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



240, 66, 178



255, 33, 176



240, 214, 66



120, 108, 116



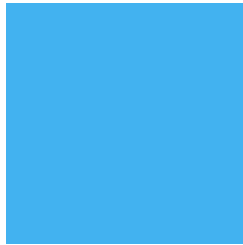
184, 0, 118



56, 0, 36

Previews

White Background



This preview shows how the RGB color 66, 178, 240 looks on a white background.

Color Contrast Check

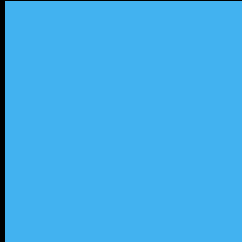
Large Text (above 18pt) WCAG AA × Fail

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 66, 178, 240 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

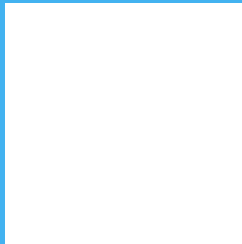
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 66, 178, 240 Background



This preview shows how black text looks on a background with the RGB color 66, 178, 240.

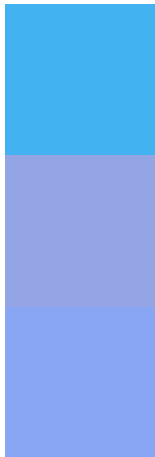


This preview shows how white text looks on a background with the RGB color 66, 178, 240.

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](#).

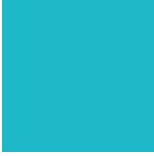
Dichromacy



Original Color
66, 178, 240

Protanopia
148, 165, 230

Deuteranopia
136, 166, 243



Tritanopia
30, 185, 200

Trichromacy



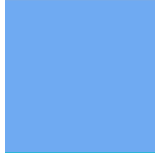
Original Color

66, 178, 240



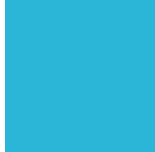
Protanomaly

118, 170, 234



Deuteranomaly

111, 170, 242



Tritanomaly

43, 182, 215

Monochromacy



Original Color

66, 178, 240



Achromatopsia

152, 152, 152



Achromatomaly

121, 161, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 66, 178, 240 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(66, 178, 240)` looks like.

```
.text, #text, p{  
    color:rgb(66, 178, 240)  
}
```

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(66, 178, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 178, 240) }
```

Border

The CSS property to change the border of an element to RGB 66, 178, 240 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(66, 178, 240) }
```

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

```
.border{ border-color:rgb(66, 178, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 178, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 178, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 178, 240);  
box-shadow:4px 4px 4px 4px rgb(66, 178,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 66, 178, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 178, 240) }
```

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

```
.background{ background-color: rgb(66, 178,  
240) }
```

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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