

Converting Colors

RGB(65, 174, 224)

Have a look what the booklet for
RGB(65, 174, 224) contains.

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Color

RGB(65, 174, 224)

Conversions

Conversions Part 1

Format	Color
Hex	41AEE0
RGB	65, 174, 224
RGB Percent	25%, 68%, 88%
CMY	0.7451, 0.3176, 0.1216
CMYK	0.71, 0.22, 0.00, 0.12
HSL	199°, 72%, 57%
HSV	199°, 71%, 88%
XYZ	30.7706, 36.7777, 75.9980
YIQ	147.1090, -81.0140, -7.5580

Conversions

Conversions Part 2

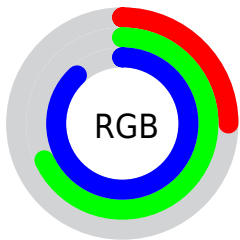
Format	Color
RYB	65, 130, 224
Decimal	4304608
CIELab	67.11, -14.91, -34.12
CIELCh	67, 37.232, 246.393
Yxy	36.7777, 0.2144, 0.2562
Android (android.graphics.Color)	4282494688 (0xFF41AEE0)
YUV	147.1090, 37.9073, -72.0096
Hunter-Lab	60.6447, -15.5588, -31.8492

Details

The RGB color **65, 174, 224** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **224, 115, 65**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **131, 229, 255**, and **0, 122, 169** is the 20% darker color. If you saturate the color by 10%, you get **43, 167, 224**, and if you desaturate by 10%, it is **87, 181, 224**.

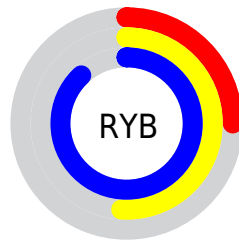
Distribution



Red (25%)

Green (68%)

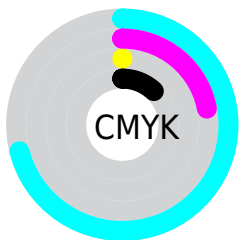
Blue (88%)



Red (25%)

Yellow (51%)

Blue (88%)

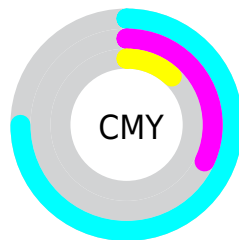


Cyan (71%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (75%)


















Magenta (32%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 65, 174, 224 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 65, 174, 224 by changing the saturation by 10% instead.

 65, 174, 224	 65, 174, 224
 255, 255, 255	 10, 147, 196
 131, 229, 255	 0, 122, 169
 162, 255, 255	 0, 97, 142
 192, 255, 255	 0, 73, 116
 223, 255, 255	 0, 51, 91
 253, 255, 255	 0, 30, 67
	 0, 3, 45
	 0, 1, 23
	 0, 0, 0

■ 65, 174, 224

■ 65, 174, 224

■ 43, 167, 224

■ 87, 181, 224

■ 20, 160, 224

■ 110, 188, 224

■ 0, 154, 224

■ 132, 195, 224

■ 155, 202, 224

■ 177, 209, 224

■ 199, 216, 224

■ 222, 223, 224

■ 244, 230, 224

■ 255, 237, 224

Harmonies

Analogous

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



0, 180, 202



65, 174, 224



126, 164, 230

Triad

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



65, 174, 224



228, 137, 157



142, 173, 108

Complementary

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



65, 174, 224



224, 115, 65

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.



178, 164, 96



65, 174, 224



225, 142, 125

Square

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



65, 174, 224



211, 141, 191



207, 152, 102



101, 179, 135

Rectangle

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



65, 174, 224



161, 156, 223



207, 152, 102



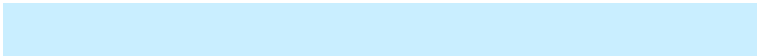
155, 170, 102

Sweetspot

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



65, 174, 224



201, 238, 255



65, 224, 113



96, 117, 128



0, 0, 0



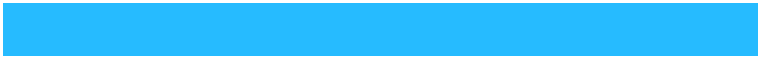
128, 128, 128

Same Dimension

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



65, 174, 224



38, 187, 255



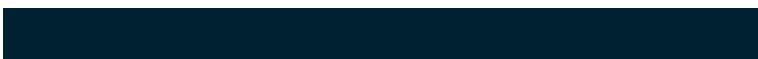
65, 97, 224



101, 109, 112



0, 121, 176



0, 33, 48

Inverse Universe

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



224, 65, 174



255, 38, 187



224, 192, 65



112, 101, 109



176, 0, 121



48, 0, 33

Previews

White Background



This preview shows how the RGB color 65, 174, 224 looks on a white background.

Color Contrast Check

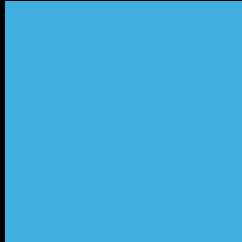
Large Text (above 18pt) WCAG AA × Fail

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 65, 174, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

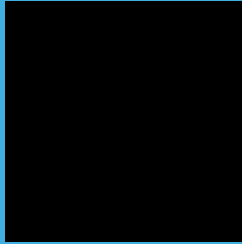
Any Text WCAG AA ✓ Pass

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 65, 174, 224 Background



This preview shows how black text looks on a background with the RGB color 65, 174, 224.

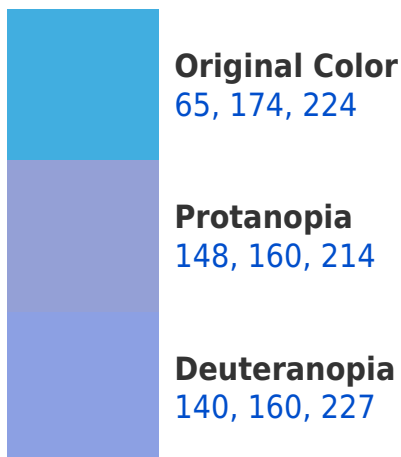


This preview shows how white text looks on a background with the RGB color 65, 174, 224.

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
43, 179, 194

Trichromacy



Original Color
65, 174, 224



Protanomaly
118, 165, 218



Deuteranomaly
113, 165, 226



Tritanomaly
51, 177, 205

Monochromacy



Original Color
65, 174, 224



Achromatopsia
147, 147, 147



Achromatomaly
117, 157, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 65, 174, 224 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(65, 174, 224)` looks like.

```
.text, #text, p{  
    color:rgb(65, 174, 224)  
}
```

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(65, 174, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 174, 224) }
```

Border

The CSS property to change the border of an element to RGB 65, 174, 224 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(65, 174, 224) }
```

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

```
.border{ border-color:rgb(65, 174, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 174, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 174, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 174, 224);  
box-shadow:4px 4px 4px 4px rgb(65, 174,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 65, 174, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 174, 224) }
```

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

```
.background{ background-color: rgb(65, 174,  
224) }
```

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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