Converting Colors

RGB(65, 182, 245)

Have a look what the booklet for RGB(65, 182, 245) contains.

Color

RGB(65, 182, 245)

Conversions

Conversions Part 1

Format	Color
Hex	41B6F5
RGB	65, 182, 245
RGB Percent	25%, 71%, 96%
CMY	0.7451, 0.2863, 0.0392
CMYK	0.73, 0.26, 0.00, 0.04
HSL	201°, 90%, 61%
HSV	201°, 73%, 96%
XYZ	35.3894, 41.1723, 92.4680
YIQ	154.1990, -89.9550, -5.2110

Conversions

Conversions Part 2

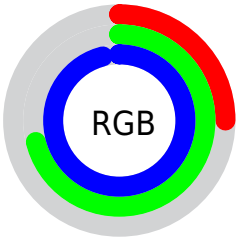
Format	Color
RYB	65, 136, 245
Decimal	4306677
CIELab	70.30, -12.26, -40.61
CIELCh	70, 42.421, 253.200
Yxy	41.1723, 0.2094, 0.2436
Android (android.graphics.Color)	4282496757 (0xFF41B6F5)
YUV	154.1990, 44.7649, -78.2275
Hunter-Lab	64.1656, -13.8415, -40.5259

Details

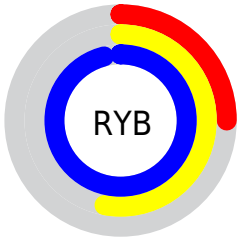
The RGB color 65, 182, 245 is a light color, and the websafe version is hex 66CCFF. The color can be described as light washed azure. A complement of this color would be 245, 128, 65, and the grayscale version is 154, 154, 154.

A 20% lighter version of the original color is 135, 238, 255, and 0, 129, 188 is the 20% darker color. If you saturate the color by 10%, you get 41, 173, 245, and if you desaturate by 10%, it is 90, 191, 245.

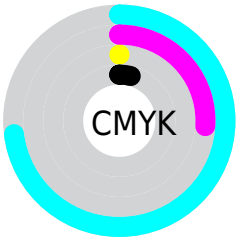
Distribution



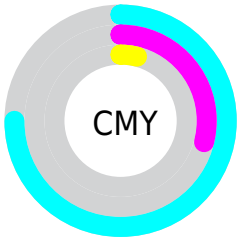
- Red (25%)
- Green (71%)
- Blue (96%)



- Red (25%)
- Yellow (53%)
- Blue (96%)



- Cyan (73%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (75%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 65, 182, 245 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, 182, 245 by changing the saturation by 10% instead.

65, 182, 245

255, 255, 255

135, 238, 255

166, 255, 255

197, 255, 255

228, 255, 255

65, 182, 245

0, 155, 216

0, 129, 188

0, 104, 161

0, 80, 135

0, 57, 109

0, 36, 84

0, 8, 61

0, 3, 38

0, 1, 15

65, 182, 245

41, 173, 245

16, 165, 245

0, 159, 245

65, 182, 245

90, 191, 245

114, 199, 245

139, 208, 245

163, 216, 245

187, 225, 245

212, 233, 245

236, 242, 245

255, 251, 245

255, 255, 245

Harmonies

Analogous

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

0, 189, 224

65, 182, 245

142, 170, 247

Triad

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

65, 182, 245

246, 141, 156

137, 185, 114

Complementary

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

65, 182, 245

245, 128, 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.

180, 175, 95

65, 182, 245

239, 149, 121

Square

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

65, 182, 245

233, 144, 195

215, 162, 98

85, 191, 148

Rectangle

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

65, 182, 245

181, 160, 236

215, 162, 98

152, 182, 106

Sweetspot

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

65, 182, 245

199, 235, 255

65, 245, 128

94, 116, 128

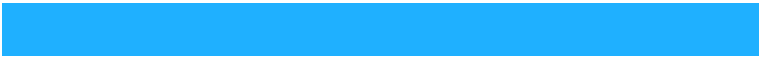
0, 0, 0

128, 128, 128

Same Dimension

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

65, 182, 245



31, 176, 255

65, 92, 245

110, 118, 122

0, 121, 186

0, 38, 59

Inverse Universe

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

245, 65, 182

255, 31, 176

245, 218, 65

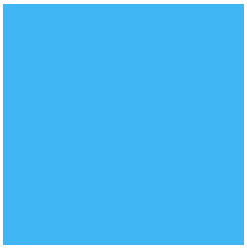
122, 110, 118

186, 0, 121

59, 0, 38

Previews

White Background

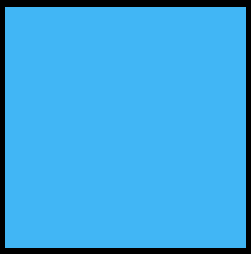


This preview shows how the RGB color 65, 182, 245 looks on a white background.

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



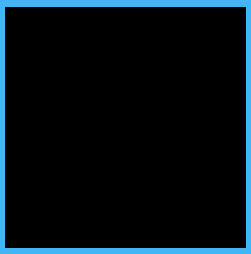
This preview shows how the RGB color 65, 182, 245 looks on a black background.

Color Contrast Check

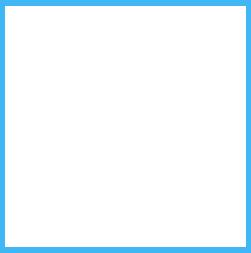
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 65, 182, 245 Background



This preview shows how black text looks on a background with the RGB color 65, 182, 245.



This preview shows how white text looks on a background with the RGB color 65, 182, 245.

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

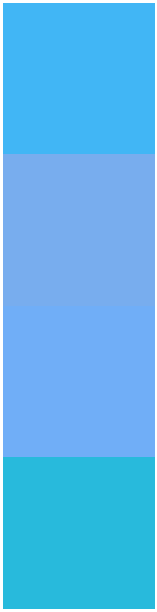
Original Color
65, 182, 245

Protanopia
151, 168, 234

Deuteranopia
139, 169, 248

Tritanopia
25, 189, 205

Trichromacy



Original Color
65, 182, 245

Protanomaly
120, 173, 238

Deuteranomaly
112, 174, 247

Tritanomaly
40, 186, 220

Monochromacy

Original Color
65, 182, 245

Achromatopsia
154, 154, 154

Achromatomaly
122, 164, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 65, 182, 245 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, 182, 245) looks like.

```
.text, #text, p{
    color:rgb(65, 182, 245)
}
```

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, 182, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 182, 245) }
```

Border

The CSS property to change the border of an element to RGB 65, 182, 245 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, 182, 245) }
```

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

```
.border{ border-color:rgb(65, 182, 245) }
```

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

Here you see how a box with a 4 pixel rgb(65, 182, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(65, 182, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(65, 182, 245); box-shadow:4px 4px 4px 4px rgb(65, 182, 245) }
```

Background

The CSS property to change the background color of an element to RGB 65, 182, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(65, 182, 245) }
```

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

```
.background{ background-color:rgb(65, 182,
245) }
```

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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