Converting Colors

RGB(73, 195, 238)

Have a look what the booklet for RGB(73, 195, 238) contains.

Color

RGB(73, 195, 238)

Conversions

Conversions Part 1

Format	Color
Hex	49C3EE
RGB	73, 195, 238
RGB Percent	29%, 76%, 93%
CMY	0.7137, 0.2353, 0.0667
CMYK	0.69, 0.18, 0.00, 0.07
HSL	196°, 83%, 61%
HSV	196°, 69%, 93%
XYZ	37.6954, 46.6197, 87.9007
YIQ	163.4240, -86.5150, -12.4910

Conversions

Conversions Part 2

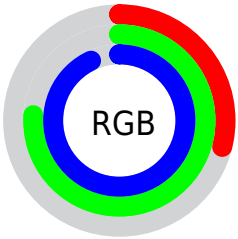
Format	Color
RYB	73, 143, 238
Decimal	4834286
CIELab	73.95, -20.34, -31.15
CIELCh	74, 37.201, 236.851
Yxy	46.6197, 0.2189, 0.2707
Android (android.graphics.Color)	4283024366 (0xFF49C3EE)
YUV	163.4240, 36.7660, -79.3018
Hunter-Lab	68.2786, -20.9411, -28.5338

Details

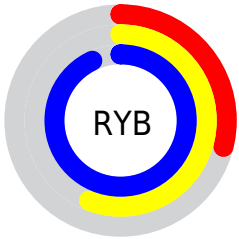
The RGB color 73, 195, 238 is a light color, and the websafe version is hex 33CCFF. The color can be described as light muted cyan. A complement of this color would be 238, 116, 73, and the grayscale version is 163, 163, 163.

A 20% lighter version of the original color is 140, 252, 255, and 0, 141, 182 is the 20% darker color. If you saturate the color by 10%, you get 49, 189, 238, and if you desaturate by 10%, it is 97, 201, 238.

Distribution

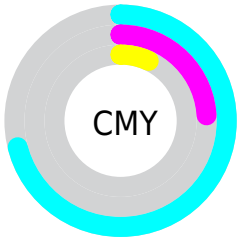


- Red (29%)
- Green (76%)
- Blue (93%)



- Red (29%)
- Yellow (56%)
- Blue (93%)

- Cyan (69%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (71%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 73, 195, 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 73, 195, 238 by changing the saturation by 10% instead.

73, 195, 238	73, 195, 238
255, 255, 255	24, 168, 210
140, 252, 255	0, 141, 182
171, 255, 255	0, 116, 155
201, 255, 255	0, 91, 129
232, 255, 255	0, 67, 104
	0, 45, 79
	0, 25, 56
	0, 2, 34
	0, 0, 8

73, 195, 238

49, 189, 238

25, 183, 238

2, 176, 238

0, 176, 238

73, 195, 238

97, 201, 238

121, 207, 238

144, 214, 238

168, 220, 238

192, 226, 238

216, 232, 238

240, 238, 238

255, 245, 238

255, 251, 238

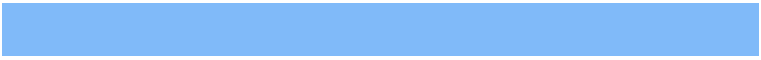
Harmonies

Analogous

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

54, 200, 211

73, 195, 238



128, 186, 249

Triad

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

73, 195, 238

245, 156, 187

173, 189, 120

Complementary

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

73, 195, 238

238, 116, 73

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.

208, 178, 113

73, 195, 238

248, 158, 153

Square

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

73, 195, 238

222, 162, 220

235, 167, 126

133, 196, 143

Rectangle

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

73, 195, 238

164, 178, 247

235, 167, 126

185, 186, 115

Sweetspot

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

73, 195, 238

201, 241, 255

73, 238, 114

96, 119, 128

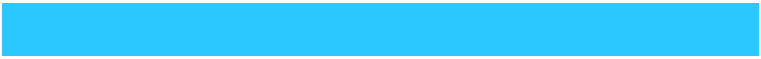
0, 0, 0

128, 128, 128

Same Dimension

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

73, 195, 238



43, 200, 255

73, 114, 238

108, 117, 120

0, 136, 184

0, 41, 56

Inverse Universe

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

238, 73, 195

255, 43, 200

238, 197, 73

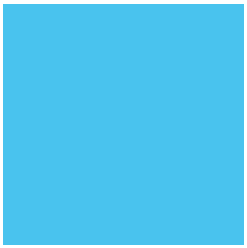
120, 108, 117

184, 0, 136

56, 0, 41

Previews

White Background

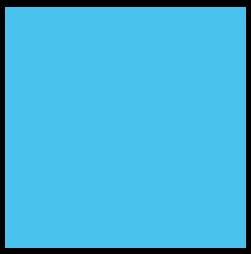


This preview shows how the RGB color 73, 195, 238 looks on a white background.

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



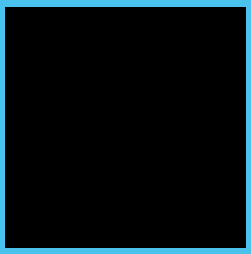
This preview shows how the RGB color 73, 195, 238 looks on a black background.

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 73, 195, 238 Background



This preview shows how black text looks on a background with the RGB color 73, 195, 238.

This preview shows how white text looks on a background with the RGB color 73, 195, 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

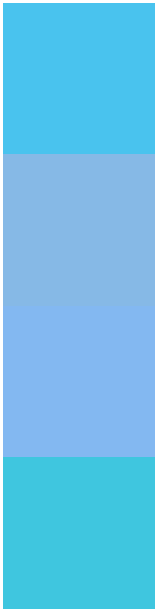
Original Color
73, 195, 238

Protanopia
169, 179, 226

Deuteranopia
164, 178, 242

Tritanopia
58, 199, 215

Trichromacy



Original Color
73, 195, 238

Protanomaly
134, 185, 230

Deuteranomaly
131, 184, 241

Tritanomaly
63, 198, 223

Monochromacy

Original Color
73, 195, 238

Achromatopsia
163, 163, 163

Achromatomaly
130, 175, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 73, 195, 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(73, 195, 238) looks like.

```
.text, #text, p{
    color:rgb(73, 195, 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(73, 195, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 195, 238) }
```

Border

The CSS property to change the border of an element to RGB 73, 195, 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(73, 195, 238) }
```

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

```
.border{ border-color:rgb(73, 195, 238) }
```

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

Here you see how a box with a 4 pixel rgb(73, 195, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(73, 195, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(73, 195, 238); box-shadow:4px 4px 4px 4px rgb(73, 195, 238) }
```

Background

The CSS property to change the background color of an element to RGB 73, 195, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(73, 195, 238) }
```

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

```
.background{ background-color:rgb(73, 195,
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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