

Converting Colors

RGB(73, 205, 233)

Have a look what the booklet for
RGB(73, 205, 233) contains.

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Color

RGB(73, 205, 233)

Conversions

Conversions Part 1

Format	Color
Hex	49CDE9
RGB	73, 205, 233
RGB Percent	29%, 80%, 91%
CMY	0.7137, 0.1961, 0.0863
CMYK	0.69, 0.12, 0.00, 0.09
HSL	190°, 78%, 60%
HSV	190°, 69%, 91%
XYZ	39.2870, 50.9623, 84.8569
YIQ	168.7240, -87.6600, -19.2760

Conversions

Conversions Part 2

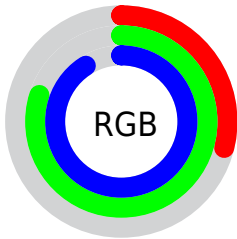
Format	Color
RYB	73, 145, 233
Decimal	4836841
CIELab	76.66, -26.93, -24.30
CIElCh	77, 36.269, 222.065
Yxy	50.9623, 0.2244, 0.2910
Android (android.graphics.Color)	4283026921 (0xFF49CDE9)
YUV	168.7240, 31.6881, -83.9499
Hunter-Lab	71.3879, -26.6947, -20.5049

Details

The RGB color **73, 205, 233** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **233, 101, 73**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **140, 255, 255**, and **0, 150, 177** is the 20% darker color. If you saturate the color by 10%, you get **50, 201, 233**, and if you desaturate by 10%, it is **96, 209, 233**.

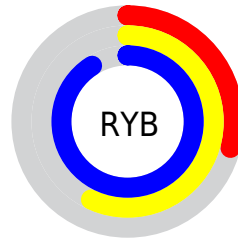
Distribution



Red (29%)

Green (80%)

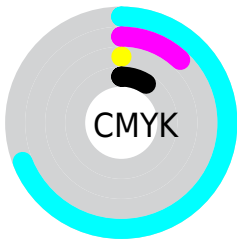
Blue (91%)



Red (29%)

Yellow (57%)

Blue (91%)

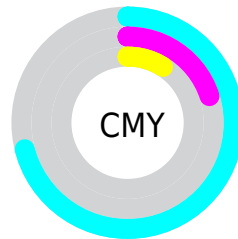


Cyan (69%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (71%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 73, 205, 233 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, 205, 233 by changing the saturation by 10% instead.

 73, 205, 233

 73, 205, 233

255, 255, 255

 24, 177, 205

 140, 255, 255

 0, 150, 177

 171, 255, 255

 0, 124, 151

 202, 255, 255

 0, 99, 125

 232, 255, 255

 0, 75, 100

 0, 52, 76

 0, 33, 53

 0, 2, 32

 0, 0, 3

■ 73, 205, 233

■ 73, 205, 233

■ 50, 201, 233

■ 96, 209, 233

■ 26, 197, 233

■ 120, 213, 233

■ 3, 193, 233

■ 143, 217, 233

■ 0, 192, 233

■ 166, 221, 233

■ 190, 225, 233

■ 213, 229, 233

■ 236, 234, 233

■ 255, 238, 233

■ 255, 242, 233

Harmonies

Analogous

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



83, 208, 202



73, 205, 233



112, 198, 252

Triad

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



73, 205, 233



242, 166, 211



199, 191, 123

Complementary

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



73, 205, 233



233, 101, 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.



230, 180, 126



73, 205, 233



255, 164, 177

Square

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



73, 205, 233



211, 176, 239



250, 169, 146



161, 200, 138

Rectangle

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



73, 205, 233



147, 192, 255



250, 169, 146



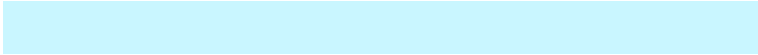
210, 188, 122

Sweetspot

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



73, 205, 233



201, 246, 255



73, 233, 100



96, 122, 128



0, 0, 0



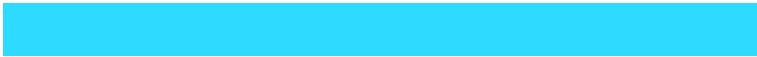
128, 128, 128

Same Dimension

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



73, 205, 233



46, 218, 255



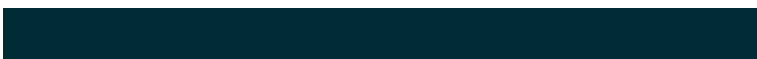
73, 126, 233



106, 115, 117



0, 149, 181



0, 44, 54

Inverse Universe

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



233, 73, 205



255, 46, 218



233, 180, 73



117, 106, 115



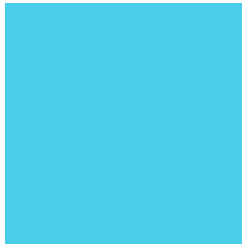
181, 0, 149



54, 0, 44

Previews

White Background



This preview shows how the RGB color 73, 205, 233 looks on a white background.

Color Contrast Check

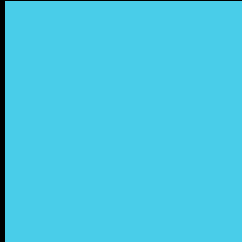
Large Text (above 18pt) WCAG AA × Fail

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, 205, 233 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, 205, 233 Background



This preview shows how black text looks on a background with the RGB color 73, 205, 233.

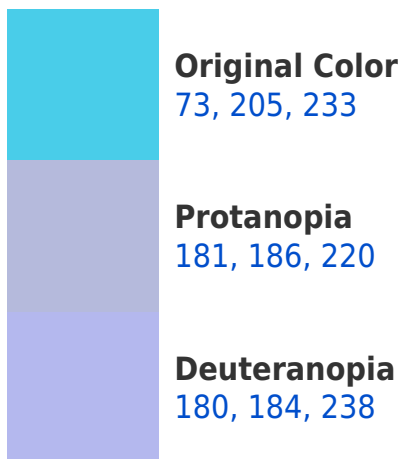


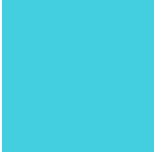
This preview shows how white text looks on a background with the RGB color 73, 205, 233.

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
67, 207, 223

Trichromacy



Original Color

73, 205, 233



Protanomaly

142, 193, 225



Deuteranomaly

141, 192, 236



Tritanomaly

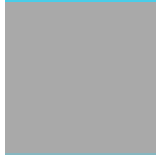
69, 206, 227

Monochromacy



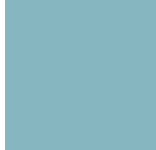
Original Color

73, 205, 233



Achromatopsia

169, 169, 169



Achromatomaly

134, 182, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 73, 205, 233 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, 205, 233)` looks like.

```
.text, #text, p{  
    color:rgb(73, 205, 233)  
}
```

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, 205, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 205, 233) }
```

Border

The CSS property to change the border of an element to RGB 73, 205, 233 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, 205, 233) }
```

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

```
.border{ border-color:rgb(73, 205, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 205, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 205, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 205, 233);  
box-shadow:4px 4px 4px 4px rgb(73, 205,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 73, 205, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 205, 233) }
```

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

```
.background{ background-color: rgb(73, 205,  
233) }
```

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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