

Converting Colors

RGB(16, 201, 237)

Have a look what the booklet for
RGB(16, 201, 237) contains.

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Color

RGB(16, 201, 237)

Conversions

Conversions Part 1

Format	Color
Hex	10C9ED
RGB	16, 201, 237
RGB Percent	6%, 79%, 93%
CMY	0.9373, 0.2118, 0.0706
CMYK	0.93, 0.15, 0.00, 0.07
HSL	190°, 87%, 50%
HSV	190°, 93%, 93%
XYZ	36.3864, 47.9979, 87.4675
YIQ	149.7890, -121.8160, -28.0240

Conversions

Conversions Part 2

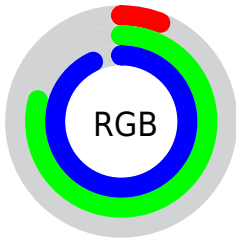
Format	Color
RYB	16, 117, 237
Decimal	1100269
CIELab	74.82, -28.43, -29.33
CIELCh	75, 40.844, 225.892
Yxy	47.9979, 0.2117, 0.2793
Android (android.graphics.Color)	4279290349 (0xFF10C9ED)
YUV	149.7890, 42.9950, -117.3330
Hunter-Lab	69.2805, -27.4920, -26.3580

Details

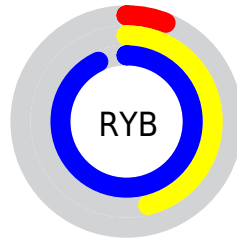
The RGB color **16, 201, 237** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **237, 52, 16**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **114, 255, 255**, and **0, 147, 181** is the 20% darker color. If you saturate the color by 10%, you get **0, 198, 237**, and if you desaturate by 10%, it is **40, 205, 237**.

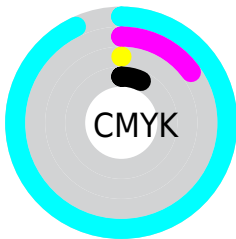
Distribution



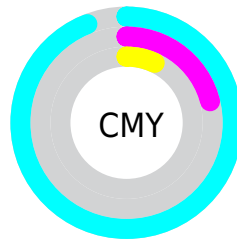
- Red (6%)
- Green (79%)
- Blue (93%)



- Red (6%)
- Yellow (46%)
- Blue (93%)



- Cyan (93%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)




















- Cyan (94%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 16, 201, 237 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 16, 201, 237 by changing the saturation by 10% instead.

 16, 201, 237	 16, 201, 237
 255, 255, 255	 0, 173, 209
 114, 255, 255	 0, 147, 181
 147, 255, 255	 0, 121, 154
 180, 255, 255	 0, 96, 128
 211, 255, 255	 0, 71, 103
 243, 255, 255	 0, 48, 79
	 0, 28, 55
	 0, 2, 34
	 0, 0, 8

■ 16, 201, 237

■ 16, 201, 237

■ 0, 198, 237

■ 40, 205, 237

■ 63, 209, 237

■ 87, 213, 237

■ 111, 216, 237

■ 134, 220, 237

■ 158, 224, 237

■ 182, 228, 237

■ 206, 232, 237

■ 229, 236, 237

Harmonies

Analogous

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



37, 204, 203



16, 201, 237



96, 193, 255

Triad

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



16, 201, 237



246, 157, 204



189, 188, 111

Complementary

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



16, 201, 237



237, 52, 16

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.



224, 176, 111



16, 201, 237



255, 155, 165

Square

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



16, 201, 237



213, 167, 237



249, 163, 132



147, 198, 130

Rectangle

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



16, 201, 237



141, 185, 255



249, 163, 132



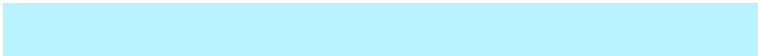
202, 184, 108

Sweetspot

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



16, 201, 237



184, 243, 255



16, 237, 49



84, 120, 128



0, 0, 0



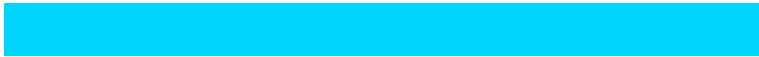
128, 128, 128

Same Dimension

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



16, 201, 237



0, 213, 255



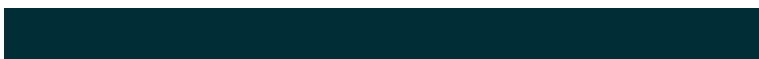
16, 93, 237



106, 115, 117



0, 152, 181



0, 45, 54

Inverse Universe

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



237, 16, 201



255, 0, 213



237, 160, 16



117, 106, 115



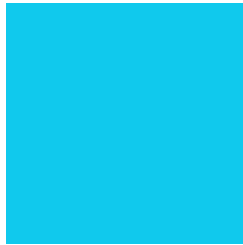
181, 0, 152



54, 0, 45

Previews

White Background



This preview shows how the RGB color 16, 201, 237 looks on a white background.

Color Contrast Check

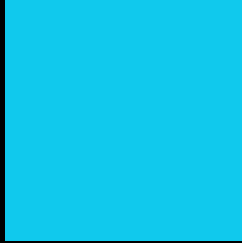
Large Text (above 18pt) WCAG AA × Fail

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 16, 201, 237 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 16, 201, 237 Background



This preview shows how black text looks on a background with the RGB color 16, 201, 237.

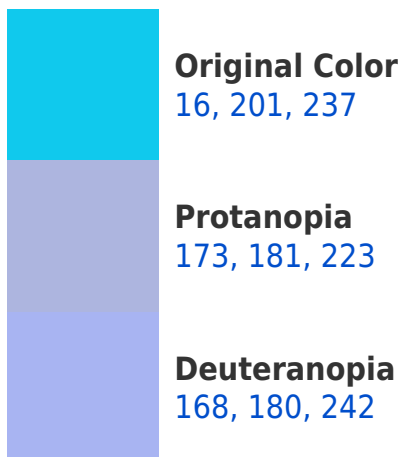


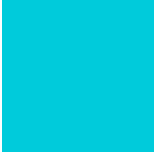
This preview shows how white text looks on a background with the RGB color 16, 201, 237.

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
0, 203, 219

Trichromacy



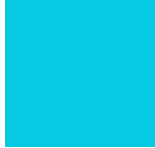
Original Color
16, 201, 237



Protanomaly
116, 188, 228



Deuteranomaly
113, 188, 240



Tritanomaly
6, 202, 226

Monochromacy



Original Color
16, 201, 237



Achromatopsia
150, 150, 150



Achromatomaly
101, 169, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 16, 201, 237 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(16, 201, 237)` looks like.

```
.text, #text, p{  
    color:rgb(16, 201, 237)  
}
```

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(16, 201, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 201, 237) }
```

Border

The CSS property to change the border of an element to RGB 16, 201, 237 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(16, 201, 237) }
```

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

```
.border{ border-color:rgb(16, 201, 237) }
```

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

Here you see how a box with a 4 pixel rgb(16, 201, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 201, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 201, 237);  
box-shadow:4px 4px 4px 4px rgb(16, 201,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 16, 201, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 201, 237) }
```

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

```
.background{ background-color: rgb(16, 201,  
237) }
```

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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