

Converting Colors

RGB(13, 206, 247)

Have a look what the booklet for
RGB(13, 206, 247) contains.

RGB(13, 206, 247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(13, 206, 247)

Conversions

Conversions Part 1

Format	Color
Hex	0DCEF7
RGB	13, 206, 247
RGB Percent	5%, 81%, 97%
CMY	0.9490, 0.1922, 0.0314
CMYK	0.95, 0.17, 0.00, 0.03
HSL	191°, 94%, 51%
HSV	191°, 95%, 97%
XYZ	39.0258, 50.9436, 95.7719
YIQ	152.9670, -128.1890, -28.1650

Conversions

Conversions Part 2

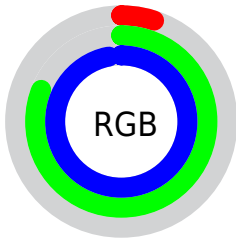
Format	Color
R _Y B	13, 119, 247
Decimal	904951
CIE Lab	76.64, -27.70, -31.89
CIE LCh	77, 42.246, 229.022
Yxy	50.9436, 0.2101, 0.2743
Android (android.graphics.Color)	4279095031 (0xFF0DCEF7)
YUV	152.9670, 46.3583, -122.7511
Hunter-Lab	71.3748, -27.3069, -29.5940

Details

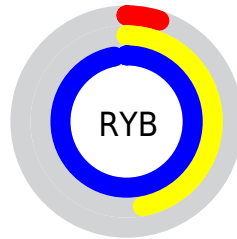
The RGB color **13, 206, 247** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **247, 54, 13**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **115, 255, 255**, and **0, 151, 191** is the 20% darker color. If you saturate the color by 10%, you get **0, 204, 247**, and if you desaturate by 10%, it is **38, 210, 247**.

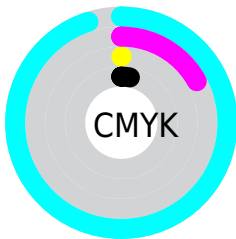
Distribution



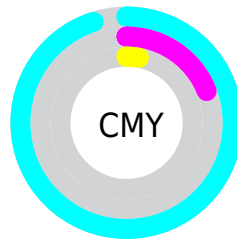
- Red (5%)
- Green (81%)
- Blue (97%)



- Red (5%)
- Yellow (47%)
- Blue (97%)



- Cyan (95%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)




















- Cyan (95%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 13, 206, 247 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 13, 206, 247 by changing the saturation by 10% instead.

 13, 206, 247	 13, 206, 247
 255, 255, 255	 0, 178, 218
 115, 255, 255	 0, 151, 191
 149, 255, 255	 0, 125, 163
 182, 255, 255	 0, 100, 137
 214, 255, 255	 0, 76, 111
 246, 255, 255	 0, 53, 87
	 0, 33, 63
	 0, 3, 41
	 0, 1, 19

■ 13, 206, 247

■ 13, 206, 247

■ 0, 204, 247

■ 38, 210, 247

■ 62, 215, 247

■ 87, 219, 247

■ 112, 223, 247

■ 137, 228, 247

■ 161, 232, 247

■ 186, 236, 247

■ 211, 241, 247

■ 235, 245, 247

Harmonies

Analogous

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



19, 210, 213



13, 206, 247



105, 197, 255

Triad

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



13, 206, 247



255, 160, 205



190, 195, 114

Complementary

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



13, 206, 247



247, 54, 13

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.



227, 182, 112



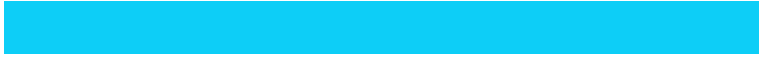
13, 206, 247



255, 159, 166

Square

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



13, 206, 247



224, 170, 241



254, 168, 132



145, 204, 137

Rectangle

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



13, 206, 247



151, 189, 255



254, 168, 132



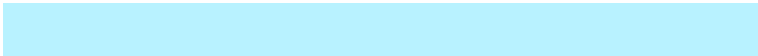
203, 191, 111

Sweetspot

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



13, 206, 247



184, 242, 255



13, 247, 52



84, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



13, 206, 247



0, 210, 255



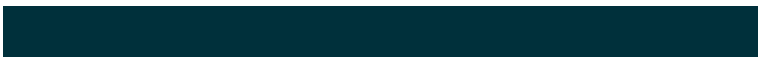
13, 91, 247



110, 120, 122



0, 154, 186



0, 48, 59

Inverse Universe

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



247, 13, 206



255, 0, 210



247, 169, 13



122, 110, 120



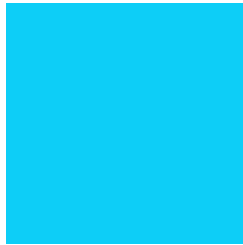
186, 0, 154



59, 0, 48

Previews

White Background



This preview shows how the RGB color 13, 206, 247 looks on a white background.

Color Contrast Check

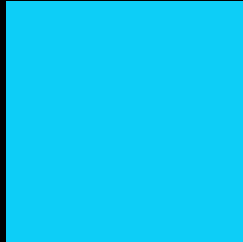
Large Text (above 18pt) WCAG AA × Fail

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 13, 206, 247 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 13, 206, 247 Background



This preview shows how black text looks on a background with the RGB color 13, 206, 247.

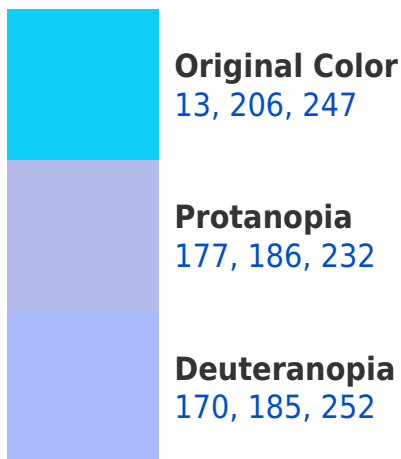


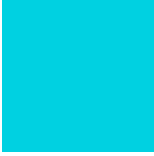
This preview shows how white text looks on a background with the RGB color 13, 206, 247.

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, 209, 225

Trichromacy



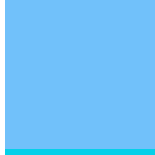
Original Color

13, 206, 247



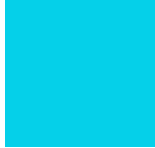
Protanomaly

117, 193, 237



Deuteranomaly

113, 193, 250



Tritanomaly

5, 208, 233

Monochromacy



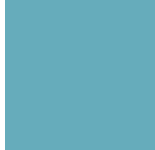
Original Color

13, 206, 247



Achromatopsia

153, 153, 153



Achromatomaly

102, 172, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 13, 206, 247 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(13, 206, 247)` looks like.

```
.text, #text, p{  
    color:rgb(13, 206, 247)  
}
```

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(13, 206, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 206, 247) }
```

Border

The CSS property to change the border of an element to RGB 13, 206, 247 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(13, 206, 247) }
```

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

```
.border{ border-color:rgb(13, 206, 247) }
```

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

Here you see how a box with a 4 pixel rgb(13, 206, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 206, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 206, 247);  
box-shadow:4px 4px 4px 4px rgb(13, 206,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 13, 206, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 206, 247) }
```

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

```
.background{ background-color: rgb(13, 206,  
247) }
```

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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