

Converting Colors

RGB(19, 202, 253)

Have a look what the booklet for
RGB(19, 202, 253) contains.

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Color

RGB(19, 202, 253)

Conversions

Conversions Part 1

Format	Color
Hex	13CAFD
RGB	19, 202, 253
RGB Percent	7%, 79%, 99%
CMY	0.9255, 0.2078, 0.0078
CMYK	0.92, 0.20, 0.00, 0.01
HSL	193°, 98%, 53%
HSV	193°, 92%, 99%
XYZ	39.1187, 49.4714, 100.4157
YIQ	153.0970, -125.4390, -22.9350

Conversions

Conversions Part 2

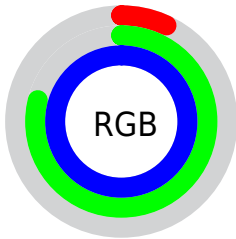
Format	Color
RYB	19, 122, 253
Decimal	1297149
CIELab	75.74, -23.52, -36.50
CIELCh	76, 43.421, 237.195
Yxy	49.4714, 0.2070, 0.2617
Android (android.graphics.Color)	4279487229 (0xFF13CAFD)
YUV	153.0970, 49.2522, -117.6031
Hunter-Lab	70.3359, -23.8114, -35.4108

Details

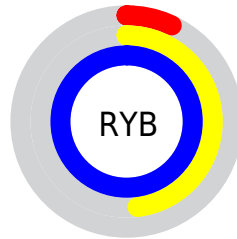
The RGB color **19, 202, 253** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **253, 70, 19**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **117, 255, 255**, and **0, 148, 196** is the 20% darker color. If you saturate the color by 10%, you get **0, 198, 253**, and if you desaturate by 10%, it is **44, 208, 253**.

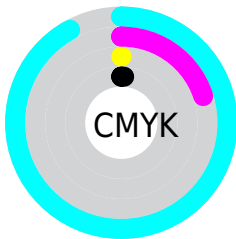
Distribution



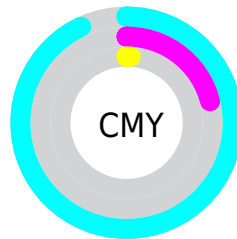
- Red (7%)
- Green (79%)
- Blue (99%)



- Red (7%)
- Yellow (48%)
- Blue (99%)



- Cyan (92%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)




















- Cyan (93%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 19, 202, 253 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 19, 202, 253 by changing the saturation by 10% instead.

 19, 202, 253	 19, 202, 253
 255, 255, 255	 0, 175, 224
 117, 255, 255	 0, 148, 196
 151, 255, 255	 0, 122, 169
 184, 255, 255	 0, 97, 142
 216, 255, 255	 0, 73, 116
 248, 255, 255	 0, 50, 91
	 0, 31, 68
	 0, 3, 45
	 0, 1, 23

■ 19, 202, 253

■ 19, 202, 253

■ 0, 198, 253

■ 44, 208, 253

■ 70, 213, 253

■ 95, 219, 253

■ 120, 224, 253

■ 146, 230, 253

■ 171, 235, 253

■ 196, 241, 253

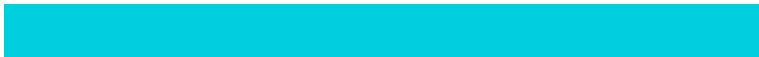
■ 221, 246, 253

■ 247, 252, 253

Harmonies

Analogous

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



0, 207, 222



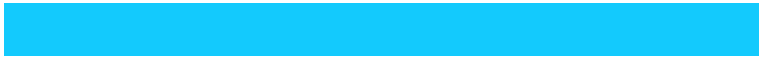
19, 202, 253



119, 192, 255

Triad

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



19, 202, 253



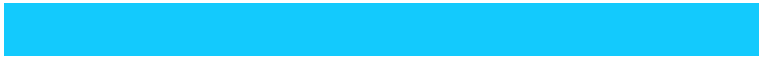
255, 155, 192



175, 195, 114

Complementary

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



19, 202, 253



253, 70, 19

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.



216, 183, 106



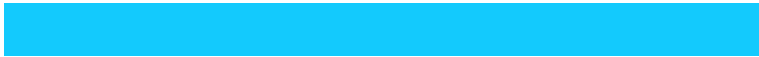
19, 202, 253



255, 158, 152

Square

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



19, 202, 253



233, 163, 231



247, 169, 120



127, 204, 142

Rectangle

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



19, 202, 253



165, 183, 255



247, 169, 120



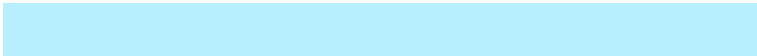
189, 192, 108

Sweetspot

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



19, 202, 253



184, 239, 255



19, 253, 70



84, 118, 128



0, 0, 0



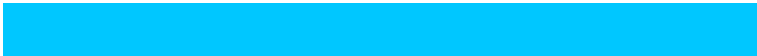
128, 128, 128

Same Dimension

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



19, 202, 253



0, 199, 255



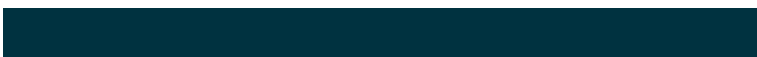
19, 85, 253



115, 125, 128



0, 150, 191



0, 50, 64

Inverse Universe

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



253, 19, 202



255, 0, 199



253, 187, 19



128, 115, 125



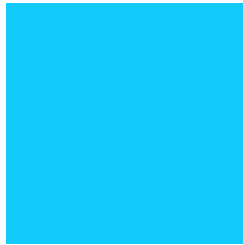
191, 0, 150



64, 0, 50

Previews

White Background



This preview shows how the RGB color 19, 202, 253 looks on a white background.

Color Contrast Check

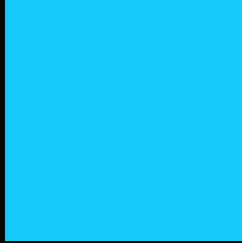
Large Text (above 18pt) WCAG AA × Fail

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 19, 202, 253 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 19, 202, 253 Background



This preview shows how black text looks on a background with the RGB color 19, 202, 253.



This preview shows how white text looks on a background with the RGB color 19, 202, 253.

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](#).

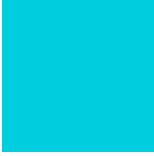
Dichromacy



Original Color
19, 202, 253

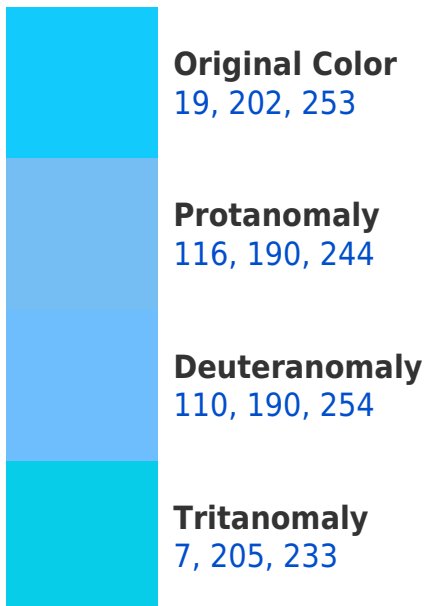
Protanopia
171, 183, 239

Deuteranopia
162, 183, 255

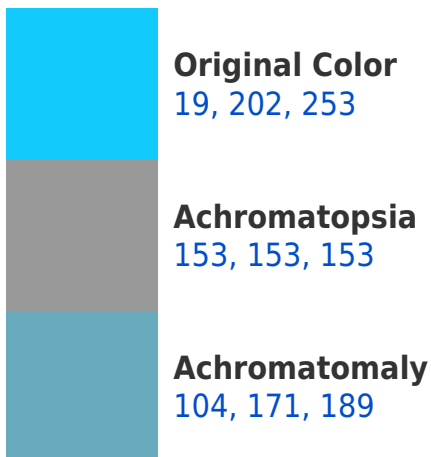


Tritanopia
0, 206, 222

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 19, 202, 253 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(19, 202, 253)` looks like.

```
.text, #text, p{  
    color:rgb(19, 202, 253)  
}
```

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(19, 202, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 202, 253) }
```

Border

The CSS property to change the border of an element to RGB 19, 202, 253 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(19, 202, 253) }
```

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

```
.border{ border-color:rgb(19, 202, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 202, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 202, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 202, 253);  
box-shadow:4px 4px 4px 4px rgb(19, 202,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 19, 202, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 202, 253) }
```

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

```
.background{ background-color: rgb(19, 202,  
253) }
```

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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