

Converting Colors

RGB(0, 174, 254)

Have a look what the booklet for
RGB(0, 174, 254) contains.

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Color

RGB(0, 174, 254)

Conversions

Conversions Part 1

Format	Color
Hex	00AEFE
RGB	0, 174, 254
RGB Percent	0%, 68%, 100%
CMY	1.0000, 0.3176, 0.0039
CMYK	1.00, 0.31, 0.00, 0.00
HSL	199°, 100%, 50%
HSV	199°, 100%, 100%
XYZ	33.0254, 37.4279, 99.2496
YIQ	131.0940, -129.3840, -12.0080

Conversions

Conversions Part 2

Format	Color
RYB	0, 103, 254
Decimal	44798
CIELab	67.60, -8.82, -49.79
CIELCh	68, 50.561, 259.955
Yxy	37.4279, 0.1946, 0.2205
Android (android.graphics.Color)	4278234878 (0xFF00AEFE)
YUV	131.0940, 60.5927, -114.9694
Hunter-Lab	61.1783, -10.7037, -53.3614

Details

The RGB color **0, 174, 254** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **254, 80, 0**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **112, 229, 255**, and **0, 122, 197** is the 20% darker color. If you saturate the color by 10%, you get **0, 174, 254**, and if you desaturate by 10%, it is **25, 182, 254**.

Distribution



- Red (0%)
- Green (68%)
- Blue (100%)



- Red (0%)
- Yellow (40%)
- Blue (100%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




















- Cyan (100%)
- Magenta (32%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the RGB color 0, 174, 254 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 0, 174, 254 by changing the saturation by 10% instead.

 0, 174, 254	 0, 174, 254
 255, 255, 255	 0, 148, 225
 112, 229, 255	 0, 122, 197
 147, 255, 255	 0, 97, 169
 179, 255, 255	 0, 74, 142
 211, 255, 255	 0, 52, 116
 243, 255, 255	 0, 32, 91
	 0, 7, 67
	 0, 3, 44
	 0, 1, 22

 0, 174, 254

 25, 182, 254

 51, 190, 254

 76, 198, 254

 102, 206, 254

 127, 214, 254

 152, 222, 254

 178, 230, 254

 203, 238, 254

 229, 246, 254

Harmonies

Analogous

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



0, 184, 233



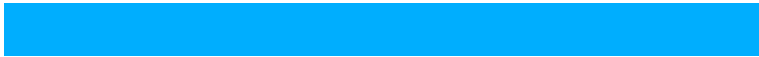
0, 174, 254



143, 159, 250

Triad

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



0, 174, 254



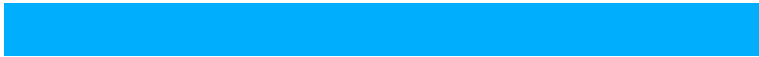
250, 127, 136



108, 181, 104

Complementary

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



0, 174, 254



254, 80, 0

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.



161, 171, 75



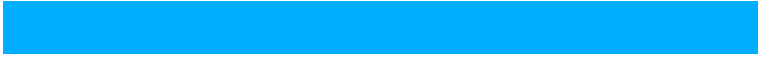
0, 174, 254



236, 140, 96

Square

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



0, 174, 254



241, 128, 182



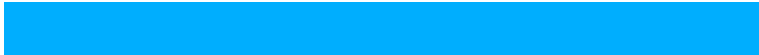
205, 157, 73



0, 187, 147

Rectangle

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



0, 174, 254



188, 147, 235



205, 157, 73



127, 179, 92

Sweetspot

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



0, 174, 254



179, 231, 255



0, 254, 76



82, 113, 128



0, 0, 0



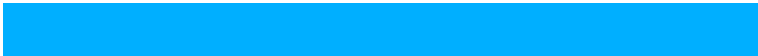
128, 128, 128

Same Dimension

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



0, 174, 254



0, 175, 255



0, 51, 254



115, 123, 128



0, 131, 191



0, 44, 64

Inverse Universe

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



254, 0, 174



255, 0, 175



254, 203, 0



128, 115, 123



191, 0, 131



64, 0, 44

Previews

White Background



This preview shows how the RGB color 0, 174, 254 looks on a white background.

Color Contrast Check

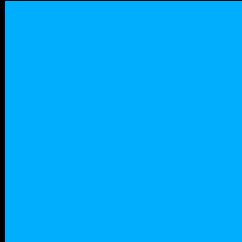
Large Text (above 18pt) WCAG AA × Fail

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 0, 174, 254 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

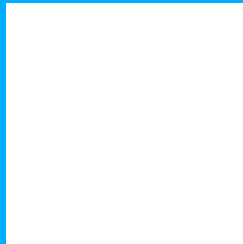
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 0, 174, 254 Background



This preview shows how black text looks on a background with the RGB color 0, 174, 254.

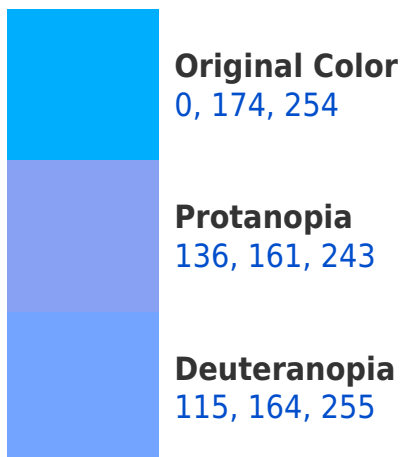


This preview shows how white text looks on a background with the RGB color 0, 174, 254.

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



Trichromacy



Original Color
0, 174, 254

Protanomaly
87, 166, 247

Deuteranomaly
73, 168, 255

Monochromacy



Original Color
0, 174, 254

Achromatopsia
131, 131, 131

Achromatomaly
83, 147, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 174, 254 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(0, 174, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 254)  
}
```

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(0, 174, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 254) }
```

Border

The CSS property to change the border of an element to RGB 0, 174, 254 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(0, 174, 254) }
```

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

```
.border{ border-color:rgb(0, 174, 254) }
```

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

Here you see how a box with a 4 pixel rgb(0, 174, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 0, 174, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 254) }
```

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

```
.background{ background-color: rgb(0, 174,  
254) }
```

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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