

Converting Colors

Hex(0095EF)

Have a look what the booklet for
Hex(0095EF) contains.

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Color

Hex(0095EF)

Conversions

Conversions Part 1

Format	Color
Hex	0095EF
RGB	0, 149, 239
RGB Percent	0%, 58%, 94%
CMY	1.0000, 0.4157, 0.0627
CMYK	1.00, 0.38, 0.00, 0.06
HSL	203°, 100%, 47%
HSV	203°, 100%, 94%
XYZ	26.3274, 27.7269, 85.6256
YIQ	114.7090, -117.6940, -3.5980

Conversions

Conversions Part 2

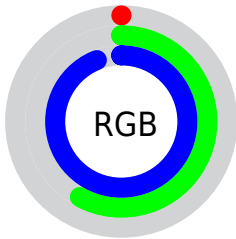
Format	Color
R _{YB}	0, 92, 239
Decimal	38383
CIE _{Lab}	59.64, -0.11, -54.19
CIE _{LCh}	60, 54.190, 269.886
Yxy	27.7269, 0.1885, 0.1985
Android (android.graphics.Color)	4278228463 (0xFF0095EF)
YUV	114.7090, 61.2755, -100.5998
Hunter-Lab	52.6563, -2.9010, -59.5533

Details

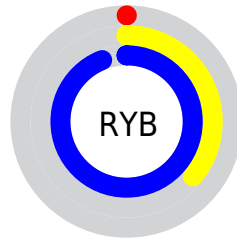
The Hex color **0095EF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **EF5A00**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6CCBFF**, and **0063B6** is the 20% darker color. If you saturate the color by 10%, you get **0095EF**, and if you desaturate by 10%, it is **189EEF**.

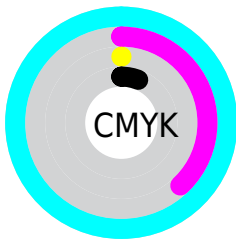
Distribution



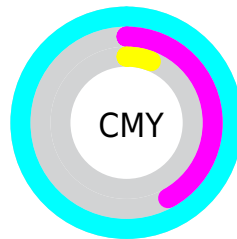
- Red (0%)
- Green (58%)
- Blue (94%)



- Red (0%)
- Yellow (36%)
- Blue (94%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (42%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0095EF 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 Hex color 0095EF by changing the saturation by 10% instead.

 0095EF

 0095EF

FFFFFF

 007BD2

 6CCBFF

 0063B6


 8DE7FF

 004C9B

 ADFFFF

 003681

 CDFFFF

 002267

 ECFFFF

 000A4E

 000537

 000220

 000004

 0095EF

 189EEF

 30A7EF

 48B0EF

 60B9EF

 77C2EF

 8FCBEF

 A7D4EF

 BFDDEF

 D7E6EF

Harmonies

Analogous

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



00A1E1



0095EF



9083E3

Triad

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



0095EF



E46A63



35A35E

Complementary

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



0095EF



EF5A00

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.



7A9B37



0095EF



CE7B3D

Square

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



0095EF



E46492



A98D29



00A78E

Rectangle

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



0095EF



BA76CE



A98D29



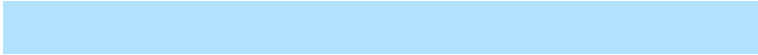
51A14F

Sweetspot

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



0095EF



B3E2FF



00EF58



526E80



000000



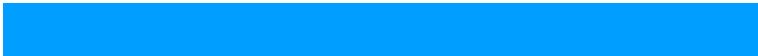
808080

Same Dimension

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



0095EF



009FFF



0020EF



6C7378



0072B8



002338

Inverse Universe

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



EF0095



FF009F



EFCF00



786C73



B80072



380023

Previews

White Background



This preview shows how the Hex color 0095EF looks on a white background.

Color Contrast Check

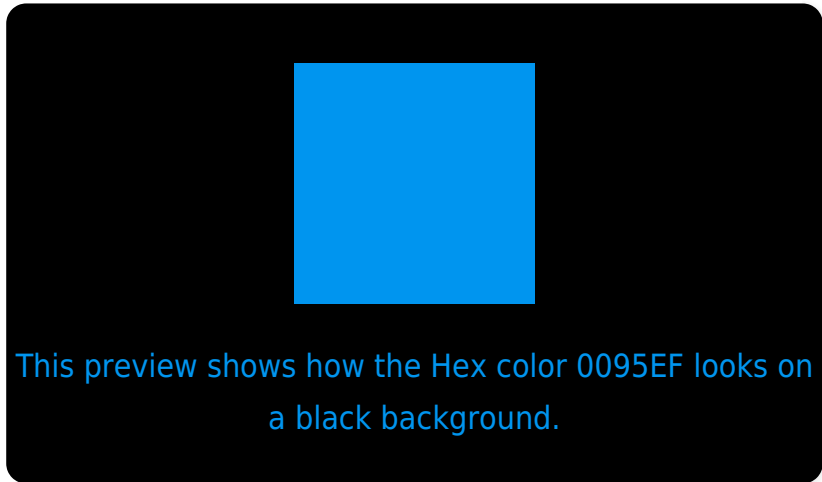
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

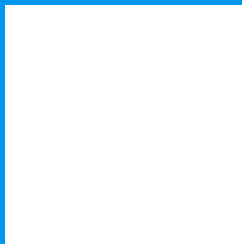
Any Text WCAG AAA × Fail

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

Hex 0095EF Background



This preview shows how black text looks on a background with the Hex color 0095EF.



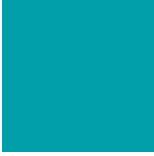
This preview shows how white text looks on a background with the Hex color 0095EF.

Color Blindness Simulation

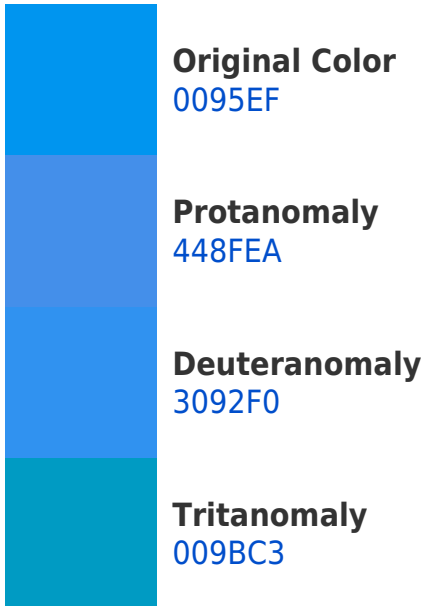
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0095EF 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 #0095EF looks like.

```
.text, #text, p{  
    color:#0095EF  
}
```

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 #0095EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095EF
}
```

Border

The CSS property to change the border of an element to Hex 0095EF 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
#0095EF }
```

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

```
.border{ border-color:#0095EF }
```

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

Here you see how a box with a 4 pixel #0095EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095EF; -webkit-box-shadow:4px 4px  
4px 4px #0095EF; box-shadow:4px 4px 4px  
4px #0095EF }
```

Background

The CSS property to change the background color of an element to Hex 0095EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095EF }
```

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

```
.background{ background-color:#0095EF }
```

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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