

Converting Colors

Hex(0095F2)

Have a look what the booklet for
Hex(0095F2) contains.

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Color

Hex(0095F2)

Conversions

Conversions Part 1

Format	Color
Hex	0095F2
RGB	0, 149, 242
RGB Percent	0%, 58%, 95%
CMY	1.0000, 0.4157, 0.0510
CMYK	1.00, 0.38, 0.00, 0.05
HSL	203°, 100%, 47%
HSV	203°, 100%, 95%
XYZ	26.7745, 27.9057, 87.9796
YIQ	115.0510, -118.6570, -2.6650

Conversions

Conversions Part 2

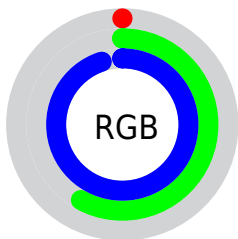
Format	Color
R _Y B	0, 92, 242
Decimal	38386
CIE Lab	59.80, 1.03, -55.59
CIE LCh	60, 55.596, 271.059
Yxy	27.9057, 0.1877, 0.1956
Android (android.graphics.Color)	4278228466 (0xFF0095F2)
YUV	115.0510, 62.5859, -100.8997
Hunter-Lab	52.8258, -1.9736, -61.7673

Details

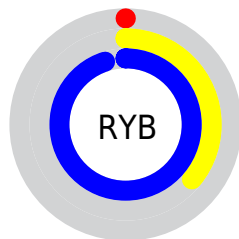
The Hex color **0095F2** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F25D00**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6DCBFF**, and **0063B9** is the 20% darker color. If you saturate the color by 10%, you get **0095F2**, and if you desaturate by 10%, it is **189EF2**.

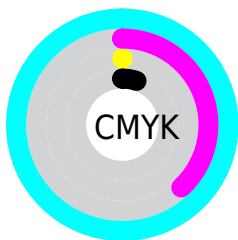
Distribution



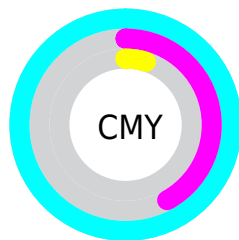
- Red (0%)
- Green (58%)
- Blue (95%)



- Red (0%)
- Yellow (36%)
- Blue (95%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (5%)





- Cyan (100%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0095F2 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 0095F2 by changing the saturation by 10% instead.

 0095F2

 0095F2

FFFFFF

 007BD5

 6DCBFF

 0063B9

 8EE7FF

 004C9E

 AEFFFF

 003683

 CEFFFF

 002269

 EEFFFF

 000A51

 000539

 000222

 000009

 0095F2

 189EF2

 30A8F2

 49B1F2

 61BAF2

 79C3F2

 91CDF2

 A9D6F2

 C2DFF2

 DAE9F2

Harmonies

Analogous

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



00A1E5



0095F2



9382E4

Triad

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



0095F2



E66A60



2CA45E

Complementary

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



0095F2



F25D00

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.



779C36



0095F2



CF7C39

Square

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



0095F2



E76390



A88E25



00A890

Rectangle

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



0095F2



BD74CE



A88E25



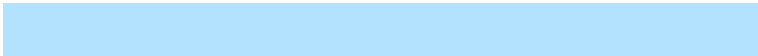
4CA24F

Sweetspot

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



0095F2



B3E2FF



00F25D



526E80



000000



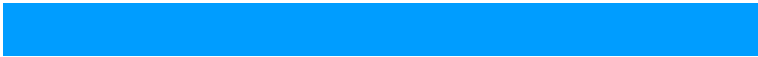
808080

Same Dimension

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



0095F2



009DFF



001CF2



6C7378



0071B8



002338

Inverse Universe

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



F20095



FF009D



F2D600



786C73



B80071



380023

Previews

White Background



This preview shows how the Hex color 0095F2 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

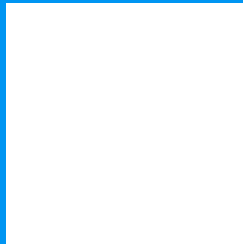
Any Text WCAG AAA × Fail

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

Hex 0095F2 Background



This preview shows how black text looks on a background with the Hex color 0095F2.



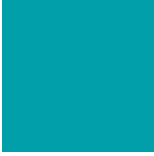
This preview shows how white text looks on a background with the Hex color 0095F2.

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
0095F2



Protanomaly
438FED



Deuteranomaly
2D92F3



Tritanomaly
009BC4

Monochromacy



Original Color
0095F2



Achromatopsia
737373



Achromatomaly
497FA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0095F2 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 #0095F2 looks like.

```
.text, #text, p{  
    color:#0095F2  
}
```

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 #0095F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095F2
}
```

Border

The CSS property to change the border of an element to Hex 0095F2 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
#0095F2 }
```

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

```
.border{ border-color:#0095F2 }
```

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

Here you see how a box with a 4 pixel #0095F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095F2; -webkit-box-shadow:4px 4px  
4px 4px #0095F2; box-shadow:4px 4px 4px  
4px #0095F2 }
```

Background

The CSS property to change the background color of an element to Hex 0095F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095F2 }
```

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

```
.background{ background-color:#0095F2 }
```

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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