

# Converting Colors

Hex(00F495)

Have a look what the booklet for  
Hex(00F495) contains.

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# **Color**

**Hex(00F495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F495
RGB	0, 244, 149
RGB Percent	0%, 96%, 58%
CMY	1.0000, 0.0431, 0.4157
CMYK	1.00, 0.00, 0.39, 0.04
HSL	157°, 100%, 48%
HSV	157°, 100%, 96%
XYZ	37.7755, 66.8713, 39.3502
YIQ	160.2140, -114.9290, -81.2730

# Conversions

## Conversions Part 2

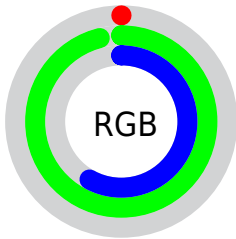
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 151, 244
Decimal	62613
CIELab	85.44, -69.62, 32.43
CIELCh	85, 76.806, 155.020
Yxy	66.8713, 0.2623, 0.4644
Android (android.graphics.Color)	4278252693 (0xFF00F495)
YUV	160.2140, -5.5285, -140.5077
Hunter-Lab	81.7749, -60.6488, 28.7119

# Details

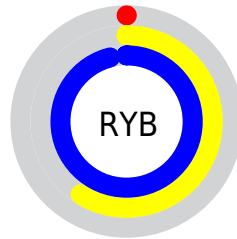
The Hex color **00F495** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **F4005F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **70FFCC**, and **00BA61** is the 20% darker color. If you saturate the color by 10%, you get **00F495**, and if you desaturate by 10%, it is **18F49E**.

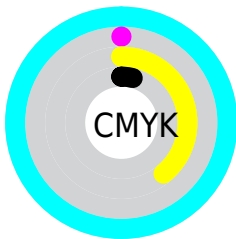
# Distribution



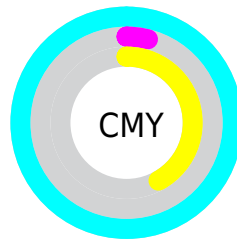
- Red (0%)
- Green (96%)
- Blue (58%)



- Red (0%)
- Yellow (59%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00F495 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 00F495 by changing the saturation by 10% instead.



 00F495

 00F495

FFFFFF

 00D77B

 70FFCC

 00BA61

 93FFE8

 009E48

 B3FFFF

 008330

 D3FFFF

 006818

 F3FFFF

 004E00

 003600

 001C00

 000000

 00F495

 18F49E

 31F4A8

 49F4B2

 62F4BB

 7AF4C5

 92F4CE

 ABF4D8

 C3F4E1

 DCF4EB

# Harmonies

## Analogous

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



A5E955



00F495



00F8E0

# Triad

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



00F495



3FDAFF



FF9F86

# Complementary

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



00F495



F4005F

# 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.



FF91CC



00F495



E8BDFE

# Square

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



00F495



00EDFF



FF9FFF



FFBB4E

# Rectangle

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



00F495



00F8FF



FF9FFF



FF979C

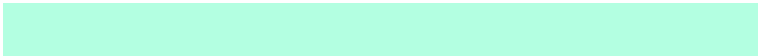


# Sweetspot

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



00F495



B3FFE1



62F400



52806E



000000



808080



# Same Dimension

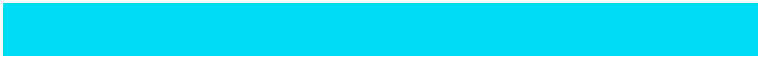
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00F495



00FF9C



00DCF4



6E7A76



00BA72



003B24



# Inverse Universe

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



F4005F



FF0063



F41800



7A6E73



BA0048

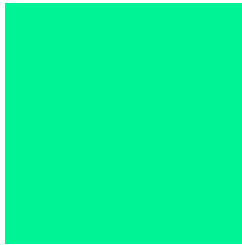


3B0017



# Previews

## White Background



This preview shows how the Hex color 00F495 looks on a white background.

## Color Contrast Check

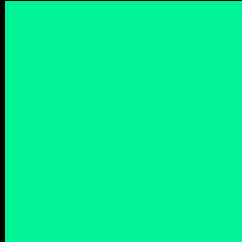
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 00F495 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

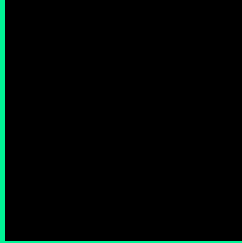
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00F495 Background



This preview shows how black text looks on a background with the Hex color 00F495.

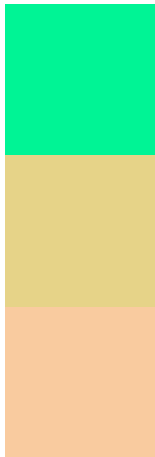


This preview shows how white text looks on a background with the Hex color 00F495.

# 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](#).

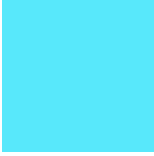
## Dichromacy



**Original Color**  
00F495

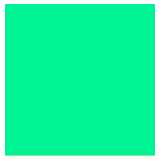
**Protanopia**  
E6D388

**Deuteranopia**  
F9CB9F



**Tritanopia**  
58E8FB

# Trichromacy



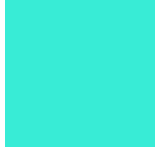
**Original Color**  
00F495



**Protanomaly**  
92DF8D



**Deuteranomaly**  
9EDA9B



**Tritanomaly**  
38ECD6

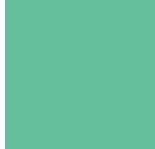
# Monochromacy



**Original Color**  
00F495



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
66BF9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00F495 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 #00F495 looks like.

```
.text, #text, p{  
    color:#00F495  
}
```

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 #00F495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F495
}
```

## Border

The CSS property to change the border of an element to Hex 00F495 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
#00F495 }
```

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

```
.border{ border-color:#00F495 }
```

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

Here you see how a box with a 4 pixel #00F495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F495; -webkit-box-shadow:4px 4px  
4px 4px #00F495; box-shadow:4px 4px 4px  
4px #00F495 }
```

# Background

The CSS property to change the background color of an element to Hex 00F495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F495 }
```

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

```
.background{ background-color:#00F495 }
```

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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