

Converting Colors

Hex(00E69F)

Have a look what the booklet for
Hex(00E69F) contains.

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Color

Hex(00E69F)

Conversions

Conversions Part 1

Format	Color
Hex	00E69F
RGB	0, 230, 159
RGB Percent	0%, 90%, 62%
CMY	1.0000, 0.0980, 0.3765
CMYK	1.00, 0.00, 0.31, 0.10
HSL	161°, 100%, 45%
HSV	161°, 100%, 90%
XYZ	34.5548, 59.0968, 42.3865
YIQ	153.1360, -114.2890, -70.8410

Conversions

Conversions Part 2

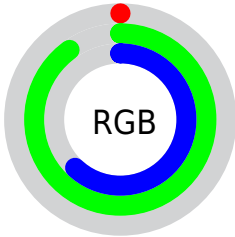
Format	Color
RYB	0, 136, 230
Decimal	59039
CIELab	81.34, -62.73, 21.80
CIELCh	81, 66.414, 160.836
Yxy	59.0968, 0.2540, 0.4344
Android (android.graphics.Color)	4278249119 (0xFF00E69F)
YUV	153.1360, 2.8910, -134.3003
Hunter-Lab	76.8745, -54.2951, 21.1212

Details

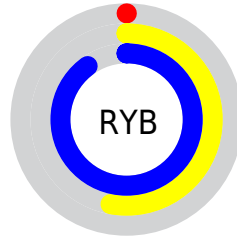
The Hex color **00E69F** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **E60047**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6DFFD6**, and **00AD6B** is the 20% darker color. If you saturate the color by 10%, you get **00E69F**, and if you desaturate by 10%, it is **17E6A6**.

Distribution



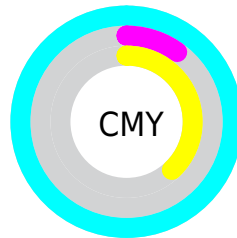
- Red (0%)
- Green (90%)
- Blue (62%)



- Red (0%)
- Yellow (53%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E69F 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 00E69F by changing the saturation by 10% instead.

 00E69F

FFFFFF


 6DFFD6

 8FFFF2

 AFFFFF


 CEFFFF

 EEFFFF

 00E69F

 00C985

 00AD6B

 009153

 00773B

 005C25

 00430F

 002B00

 000900

 000000

 00E69F

 17E6A6

 2EE6AD

 45E6B4

 5CE6BB

 73E6C3

 8AE6CA

 A1E6D1

 B8E6D8

 CFE6DF

Harmonies

Analogous

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



93DD67



00E69F



00E9E0

Triad

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



00E69F



81C9FF



FFA17C

Complementary

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



00E69F



E60047

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.



FF93B6



00E69F



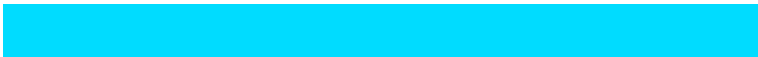
EBB0FF

Square

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



00E69F



00DCFF



FF99F4



FFB851

Rectangle

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



00E69F



00E8FF



FF99F4



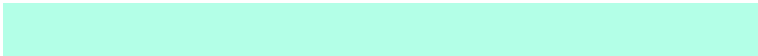
FF9A8E

Sweetspot

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



00E69F



B3FFE7



49E600



528071



000000



808080

Same Dimension

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



00E69F



00FFB0



00BCE6



67736F



00B37B



003323

Inverse Universe

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



E60047



FF004F



E62A00



73676B



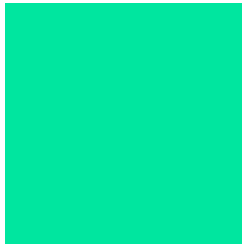
B30037



330010

Previews

White Background



This preview shows how the Hex color 00E69F looks on a white background.

Color Contrast Check

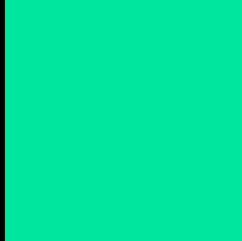
Large Text (above 18pt) WCAG AA × Fail

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 00E69F 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 00E69F Background



This preview shows how black text looks on a background with the Hex color 00E69F.

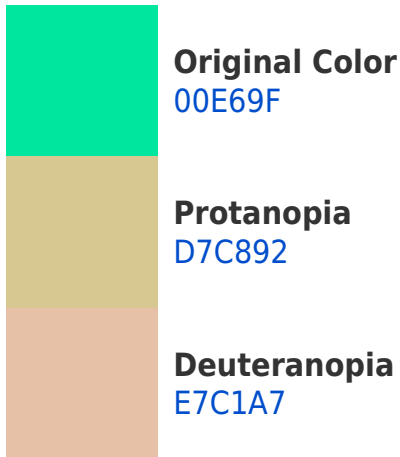


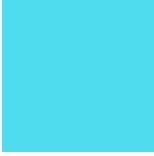
This preview shows how white text looks on a background with the Hex color 00E69F.

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





Tritanopia
4EDCEE

Trichromacy



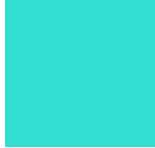
Original Color
00E69F



Protanomaly
89D397



Deuteranomaly
93CEA4



Tritanomaly
32E0D1

Monochromacy



Original Color
00E69F



Achromatopsia
999999



Achromatomaly
61B59B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E69F 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 #00E69F looks like.

```
.text, #text, p{  
    color:#00E69F  
}
```

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 #00E69F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E69F
}
```

Border

The CSS property to change the border of an element to Hex 00E69F 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
#00E69F }
```

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

```
.border{ border-color:#00E69F }
```

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

Here you see how a box with a 4 pixel #00E69F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E69F; -webkit-box-shadow:4px 4px  
4px 4px #00E69F; box-shadow:4px 4px 4px  
4px #00E69F }
```

Background

The CSS property to change the background color of an element to Hex 00E69F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E69F }
```

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

```
.background{ background-color:#00E69F }
```

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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