

Converting Colors

Hex(00E59C)

Have a look what the booklet for
Hex(00E59C) contains.

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Color

Hex(00E59C)

Conversions

Conversions Part 1

Format	Color
Hex	00E59C
RGB	0, 229, 156
RGB Percent	0%, 90%, 61%
CMY	1.0000, 0.1020, 0.3882
CMYK	1.00, 0.00, 0.32, 0.10
HSL	161°, 100%, 45%
HSV	161°, 100%, 90%
XYZ	34.0201, 58.4389, 40.9393
YIQ	152.2070, -113.0510, -71.2510

Conversions

Conversions Part 2

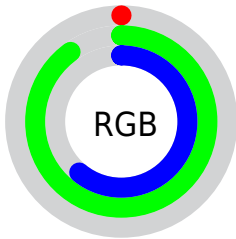
Format	Color
RYB	0, 136, 229
Decimal	58780
CIELab	80.98, -63.02, 22.86
CIELCh	81, 67.038, 160.064
Yxy	58.4389, 0.2550, 0.4381
Android (android.graphics.Color)	4278248860 (0xFF00E59C)
YUV	152.2070, 1.8699, -133.4855
Hunter-Lab	76.4454, -54.3425, 21.7598

Details

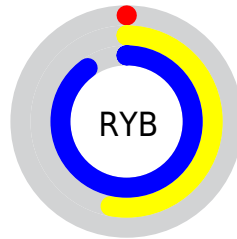
The Hex color **00E59C** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **E50049**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6DFFD3**, and **00AC68** is the 20% darker color. If you saturate the color by 10%, you get **00E59C**, and if you desaturate by 10%, it is **17E5A3**.

Distribution



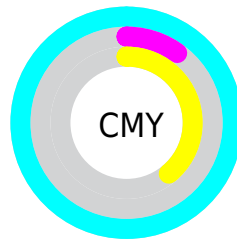
- Red (0%)
- Green (90%)
- Blue (61%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E59C 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 00E59C by changing the saturation by 10% instead.

 00E59C

 00E59C

FFFFFF

 00C882

 6DFFD3

 00AC68

 8EFFEF

 009050

 AEFFFF

 007638

 CEFFFF

 005B22

 EDFFFF

 00420C

 002A00

 000700

 000000

 00E59C

 17E5A3

 2EE5AB

 45E5B2

 5CE5B9

 73E5C1

 89E5C8

 A0E5CF

 B7E5D6

 CEE5DE

Harmonies

Analogous

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



94DC64



00E59C



00E8DD

Triad

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



00E59C



7BC9FF



FF9F7B

Complementary

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



00E59C



E50049

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.



FF91B6



00E59C



E8B0FF

Square

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



00E59C



00DBFF



FF98F5



FFB750

Rectangle

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



00E59C



00E7FF



FF98F5



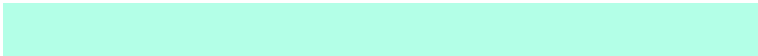
FF988E

Sweetspot

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



00E59C



B3FFE7



4CE500



528071



000000



808080

Same Dimension

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



00E59C



00FFAE



00BFE5



67736F



00B37A



003323

Inverse Universe

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



E50049



FF0051



E52600



73676B



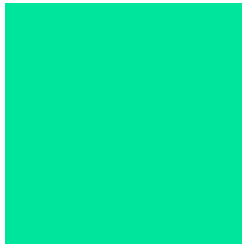
B30039



330010

Previews

White Background



This preview shows how the Hex color 00E59C 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 00E59C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

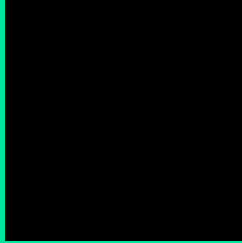
Any Text WCAG AA ✓ Pass

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 00E59C Background



This preview shows how black text looks on a background with the Hex color 00E59C.

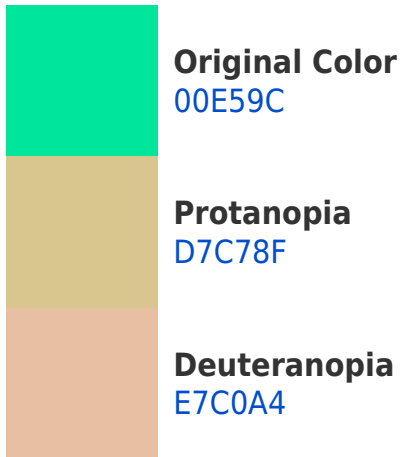


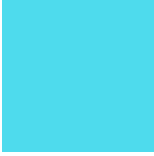
This preview shows how white text looks on a background with the Hex color 00E59C.

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
4EDBED

Trichromacy



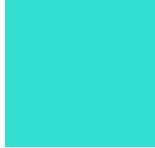
Original Color
00E59C



Protanomaly
89D294



Deuteranomaly
93CDA1



Tritanomaly
32DFD0

Monochromacy



Original Color
00E59C



Achromatopsia
989898



Achromatomaly
61B499

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E59C 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 #00E59C looks like.

```
.text, #text, p{  
    color:#00E59C  
}
```

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 #00E59C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E59C
}
```

Border

The CSS property to change the border of an element to Hex 00E59C 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
#00E59C }
```

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

```
.border{ border-color:#00E59C }
```

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

Here you see how a box with a 4 pixel #00E59C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E59C; -webkit-box-shadow:4px 4px  
4px 4px #00E59C; box-shadow:4px 4px 4px  
4px #00E59C }
```

Background

The CSS property to change the background color of an element to Hex 00E59C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E59C }
```

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

```
.background{ background-color:#00E59C }
```

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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