

Converting Colors

Hex(00E28A)

Have a look what the booklet for
Hex(00E28A) contains.

Hex(00E28A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00E28A)

Conversions

Conversions Part 1

Format	Color
Hex	00E28A
RGB	0, 226, 138
RGB Percent	0%, 89%, 54%
CMY	1.0000, 0.1137, 0.4588
CMYK	1.00, 0.00, 0.39, 0.11
HSL	157°, 100%, 44%
HSV	157°, 100%, 89%
XYZ	31.7838, 56.2277, 33.2226
YIQ	148.3940, -106.4480, -75.2800

Conversions

Conversions Part 2

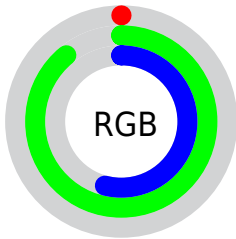
Format	Color
RYB	0, 140, 226
Decimal	57994
CIELab	79.74, -65.64, 30.43
CIELCh	80, 72.347, 155.127
Yxy	56.2277, 0.2622, 0.4638
Android (android.graphics.Color)	4278248074 (0xFF00E28A)
YUV	148.3940, -5.1242, -130.1415
Hunter-Lab	74.9851, -55.5635, 26.2208

Details

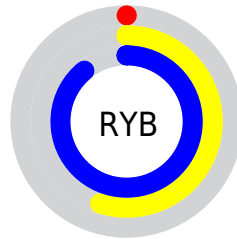
The Hex color **00E28A** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E20058**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6CFFC0**, and **00A957** is the 20% darker color. If you saturate the color by 10%, you get **00E28A**, and if you desaturate by 10%, it is **17E293**.

Distribution



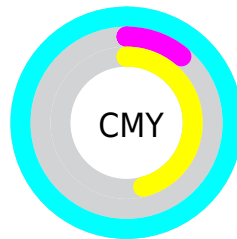
- Red (0%)
- Green (89%)
- Blue (54%)



- Red (0%)
- Yellow (55%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E28A 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 00E28A by changing the saturation by 10% instead.

 00E28A

 00E28A


FFFFFF

 00C570

 6CFFC0

 00A957

 8DFFDC

 008E3F

 ADFFF9

 007327

 CDFFFF

 00590F

 ECFFFF

 003F00

 002700

 000000

 00E28A

 17E293

 2DE29C

 44E2A4

 5AE2AD

 71E2B6

 88E2BF

 9EE2C8

 B5E2D0

 CBE2D9

Harmonies

Analogous

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



98D84F



00E28A



00E6D0

Triad

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



00E28A



3CCAFF



FF937C

Complementary

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



00E28A



E20058

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.



FF86BD



00E28A



D7AFFF

Square

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



00E28A



00DCFF



FF93FF



FFAD47

Rectangle

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



00E28A



00E6FD



FF93FF



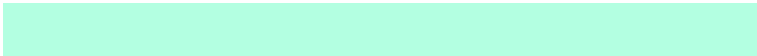
FF8C90

Sweetspot

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



00E28A



B3FFE1



5AE200



52806E



000000



808080

Same Dimension

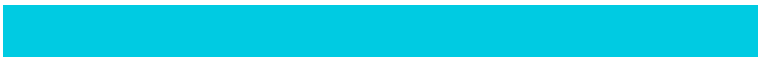
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00E28A



00FF9C



00CBE2



65706C



00B06B



00301E

Inverse Universe

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



E20058



FF0063



E21700



706569



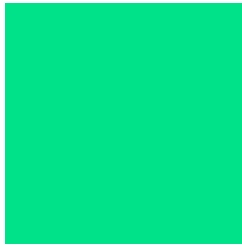
B00045



300013

Previews

White Background



This preview shows how the Hex color 00E28A 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 00E28A 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 00E28A Background



This preview shows how black text looks on a background with the Hex color 00E28A.

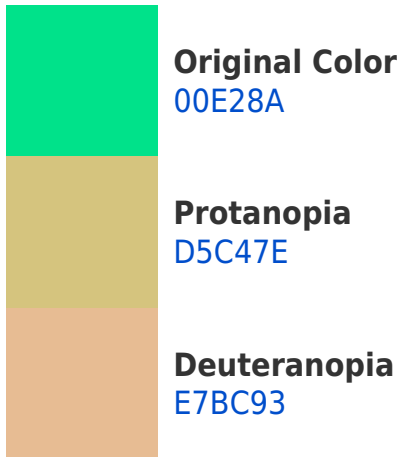


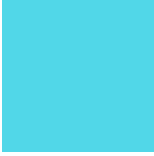
This preview shows how white text looks on a background with the Hex color 00E28A.

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
51D7E8

Trichromacy



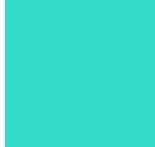
Original Color
00E28A



Protanomaly
88CF82



Deuteranomaly
93CA90

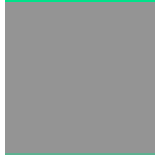


Tritanomaly
34DBC6

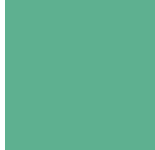
Monochromacy



Original Color
00E28A



Achromatopsia
949494



Achromatomaly
5EB090

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E28A 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 #00E28A looks like.

```
.text, #text, p{  
    color:#00E28A  
}
```

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 #00E28A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E28A
}
```

Border

The CSS property to change the border of an element to Hex 00E28A 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
#00E28A }
```

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

```
.border{ border-color:#00E28A }
```

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

Here you see how a box with a 4 pixel #00E28A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E28A; -webkit-box-shadow:4px 4px  
4px 4px #00E28A; box-shadow:4px 4px 4px  
4px #00E28A }
```

Background

The CSS property to change the background color of an element to Hex 00E28A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E28A }
```

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

```
.background{ background-color:#00E28A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor