

# Converting Colors

Hex(2EE28C)

Have a look what the booklet for  
Hex(2EE28C) contains.

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# Color

Hex(2EE28C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EE28C
RGB	46, 226, 140
RGB Percent	18%, 89%, 55%
CMY	0.8196, 0.1137, 0.4510
CMYK	0.80, 0.00, 0.38, 0.11
HSL	151°, 76%, 53%
HSV	151°, 80%, 89%
XYZ	33.0567, 56.8670, 34.0451
YIQ	162.3760, -79.6740, -64.9060

# Conversions

## Conversions Part 2

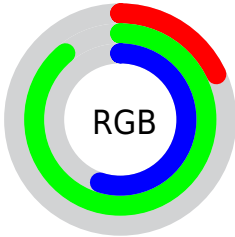
Format	Color
<a href="#">RYB</a>	<a href="#">46, 164, 226</a>
Decimal	<a href="#">3072652</a>
CIELab	<a href="#">80.10, -62.62, 29.95</a>
CIELCh	<a href="#">80, 69.416, 154.439</a>
Yxy	<a href="#">56.8670, 0.2667, 0.4587</a>
Android (android.graphics.Color)	<a href="#">4281262732 (0xFF2EE28C)</a>
YUV	<a href="#">162.3760, -11.0314, -102.0618</a>
Hunter-Lab	<a href="#">75.4102, -53.7209, 26.0198</a>

# Details

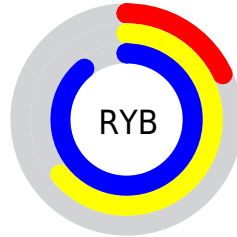
The Hex color **2EE28C** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **E22E84**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **79FFC2**, and **00A959** is the 20% darker color. If you saturate the color by 10%, you get **17E281**, and if you desaturate by 10%, it is **45E297**.

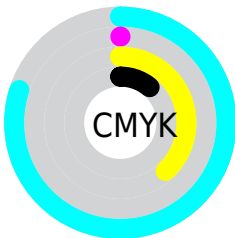
# Distribution



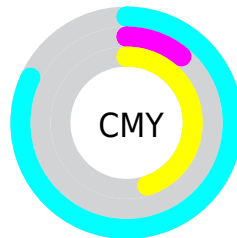
- Red (18%)
- Green (89%)
- Blue (55%)



- Red (18%)
- Yellow (64%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EE28C 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 2EE28C by changing the saturation by 10% instead.



 2EE28C

 2EE28C

FFFFFF

 00C572

 79FFC2

 00A959

 99FFDE

 008E41

 B8FFFB

 007329

 D7FFFF

 005911

 F6FFFF

 004000

 002800

 000100

 000000

 2EE28C

 2EE28C

 17E281

 45E297

 01E276

 5BE2A2

 00E276

 72E2AC

 88E2B7

 9FE2C2

 B6E2CD

 CCE2D8

 E3E2E2

 F9E2ED

# Harmonies

## Analogous

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



9DD855



2EE28C



00E6CF

# Triad

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



2EE28C



49CBFF



FF9681

# Complementary

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



2EE28C



E22E84

# 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.



FF8BC0



2EE28C



D6B1FF

# Square

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



2EE28C



00DCFF



FF97FF



FFAF4F

# Rectangle

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



2EE28C



00E6FA



FF97FF



FF9095

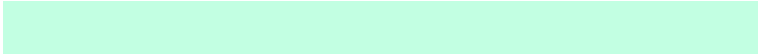


# Sweetspot

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



2EE28C



C2FFE2



85E22E



5B806E



000000



808080



# Same Dimension

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



2EE28C



0AFF8A



2EDFE2



65706B



00B05C



003019



# Inverse Universe

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



E22E84



FF0A7F



E2312E



70656A



B00054

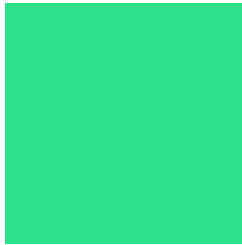


300017



# Previews

## White Background



This preview shows how the Hex color 2EE28C 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 2EE28C 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 2EE28C Background



This preview shows how black text looks on a background with the Hex color 2EE28C.

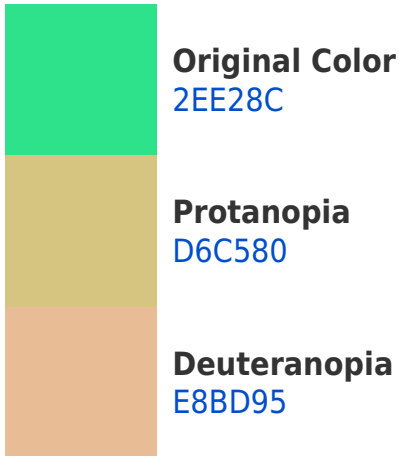


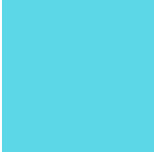
This preview shows how white text looks on a background with the Hex color 2EE28C.

# 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**  
5BD7E8

# Trichromacy



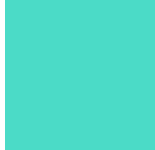
**Original Color**  
2EE28C



**Protanomaly**  
99D084



**Deuteranomaly**  
A4CA92



**Tritanomaly**  
4BDBC7

# Monochromacy



**Original Color**  
2EE28C



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
78B99A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EE28C 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 #2EE28C looks like.

```
.text, #text, p{  
    color:#2EE28C  
}
```

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 #2EE28C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EE28C
}
```

## Border

The CSS property to change the border of an element to Hex 2EE28C 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
#2EE28C }
```

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

```
.border{ border-color:#2EE28C }
```

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

Here you see how a box with a 4 pixel #2EE28C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EE28C; -webkit-box-shadow:4px 4px  
4px 4px #2EE28C; box-shadow:4px 4px 4px  
4px #2EE28C }
```

# Background

The CSS property to change the background color of an element to Hex 2EE28C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EE28C }
```

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

```
.background{ background-color:#2EE28C }
```

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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