

# Converting Colors

Hex(08E3A2)

Have a look what the booklet for  
Hex(08E3A2) contains.

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# Color

Hex(08E3A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	08E3A2
RGB	8, 227, 162
RGB Percent	3%, 89%, 64%
CMY	0.9686, 0.1098, 0.3647
CMYK	0.96, 0.00, 0.29, 0.11
HSL	162°, 93%, 46%
HSV	162°, 96%, 89%
XYZ	34.0908, 57.5984, 43.5033
YIQ	154.1090, -109.6590, -66.6430

# Conversions

## Conversions Part 2

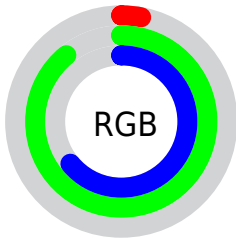
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 137, 227
Decimal	582562
CIELab	80.52, -60.76, 19.10
CIELCh	81, 63.693, 162.549
Yxy	57.5984, 0.2522, 0.4260
Android (android.graphics.Color)	4278772642 (0xFF08E3A2)
YUV	154.1090, 3.8903, -128.1376
Hunter-Lab	75.8936, -52.6331, 19.1397

# Details

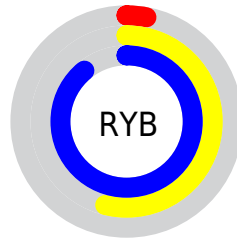
The Hex color **08E3A2** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E30849**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6EFFD9**, and **00AA6E** is the 20% darker color. If you saturate the color by 10%, you get **00E3A0**, and if you desaturate by 10%, it is **1FE3A9**.

# Distribution



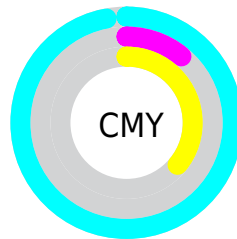
- Red (3%)
- Green (89%)
- Blue (64%)



- Red (3%)
- Yellow (54%)
- Blue (89%)



- Cyan (96%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (97%)
- Magenta (11%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08E3A2 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 08E3A2 by changing the saturation by 10% instead.



 08E3A2

 08E3A2

FFFFFF

 00C688

 6EFFD9

 00AA6E

 8FFFF6

 008F56

 AFFFFFF

 00743E

 CEFFFF

 005A28

 EEEFFF


 004112

 002900

 000400

 000000

 08E3A2

 08E3A2

 00E3A0

 1FE3A9

 35E3AF

 4CE3B6

 63E3BD

 7AE3C4

 90E3CA

 A7E3D1

 BEE3D8

 D4E3DF

# Harmonies

## Analogous

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



90DB6C



08E3A2



00E5E0

# Triad

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



08E3A2



8CC6FF



FFA27A

# Complementary

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



08E3A2



E30849

# 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.



FF94B1



08E3A2



ECAEFF

# Square

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



08E3A2



00D8FF



FF99ED



FFB853

# Rectangle

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



08E3A2



00E4FF



FF99ED



FF9B8B

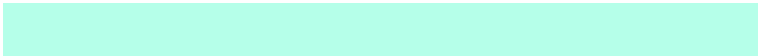


# Sweetspot

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



08E3A2



B5FFE9



4AE308



538072



000000



808080



# Same Dimension

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



08E3A2



00FFB3



08B7E3



67736F



00B37E



003324



# Inverse Universe

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



E30849



FF004C



E33408



73676B



B30035

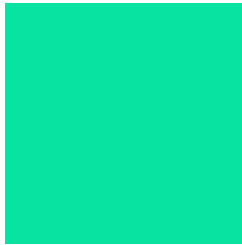


33000F



# Previews

## White Background



This preview shows how the Hex color 08E3A2 looks on a white background.

## Color Contrast Check

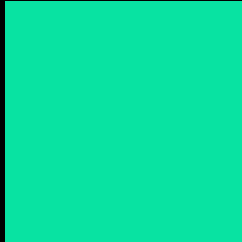
Large Text (above 18pt) WCAG AA × Fail

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 08E3A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

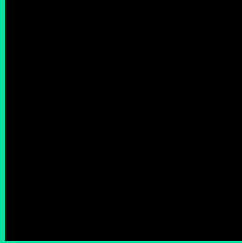
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 08E3A2 Background



This preview shows how black text looks on a background with the Hex color 08E3A2.

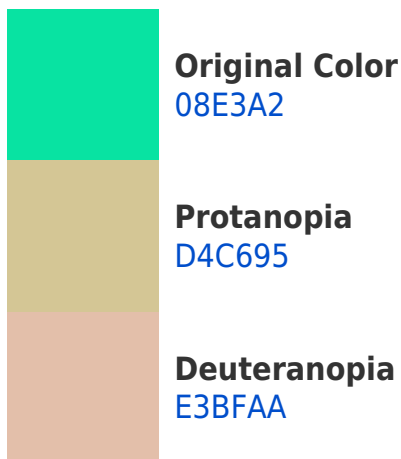


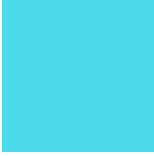
This preview shows how white text looks on a background with the Hex color 08E3A2.

# 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**  
4CDAEB

# Trichromacy



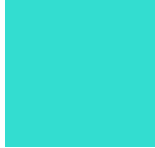
**Original Color**  
08E3A2



**Protanomaly**  
8AD19A



**Deuteranomaly**  
93CCA7



**Tritanomaly**  
33DDD0

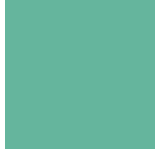
# Monochromacy



**Original Color**  
08E3A2



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
65B59D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08E3A2 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 #08E3A2 looks like.

```
.text, #text, p{  
    color:#08E3A2  
}
```

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 #08E3A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08E3A2
}
```

## Border

The CSS property to change the border of an element to Hex 08E3A2 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
#08E3A2 }
```

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

```
.border{ border-color:#08E3A2 }
```

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

Here you see how a box with a 4 pixel #08E3A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08E3A2; -webkit-box-shadow:4px 4px  
4px 4px #08E3A2; box-shadow:4px 4px 4px  
4px #08E3A2 }
```

# Background

The CSS property to change the background color of an element to Hex 08E3A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08E3A2 }
```

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

```
.background{ background-color:#08E3A2 }
```

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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