

# Converting Colors

Hex(09E4A6)

Have a look what the booklet for  
Hex(09E4A6) contains.

<b>Hex(09E4A6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(09E4A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09E4A6
RGB	9, 228, 166
RGB Percent	4%, 89%, 65%
CMY	0.9647, 0.1059, 0.3490
CMYK	0.96, 0.00, 0.27, 0.11
HSL	163°, 92%, 46%
HSV	163°, 96%, 89%
XYZ	34.7390, 58.2981, 45.4981
YIQ	155.4510, -110.6220, -65.7100

# Conversions

## Conversions Part 2

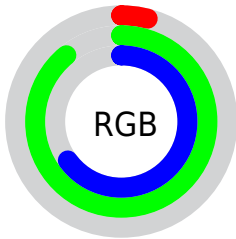
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 137, 228
Decimal	648358
CIELab	80.90, -60.20, 17.55
CIELCh	81, 62.708, 163.745
Yxy	58.2981, 0.2508, 0.4208
Android (android.graphics.Color)	4278838438 (0xFF09E4A6)
YUV	155.4510, 5.2007, -128.4375
Hunter-Lab	76.3532, -52.4045, 18.1169

# Details

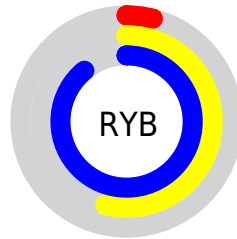
The Hex color **09E4A6** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E40947**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **6EFFDD**, and **00AB72** is the 20% darker color. If you saturate the color by 10%, you get **00E4A3**, and if you desaturate by 10%, it is **20E4AC**.

# Distribution



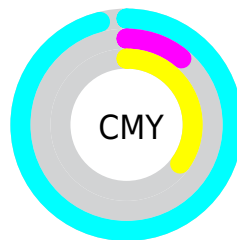
- Red (4%)
- Green (89%)
- Blue (65%)



- Red (4%)
- Yellow (54%)
- Blue (89%)



- Cyan (96%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)



- Cyan (96%)
- Magenta (11%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09E4A6 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 09E4A6 by changing the saturation by 10% instead.



 09E4A6

 09E4A6


FFFFFF

 00C78C

 6EFFDD

 00AB72

 8FFFFA

 009059

 B0FFFF

 007542

 CFFFFFF

 005B2B

 EFFFFFF

 004216

 002A00

 000600

 000000

 09E4A6

 09E4A6

 00E4A3

 20E4AC

 37E4B3

 4DE4B9

 64E4C0

 7BE4C6

 92E4CD

 A9E4D3

 BFE4DA

 D6E4E0

# Harmonies

## Analogous

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



8FDC70



09E4A6



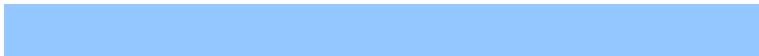
00E6E3

# Triad

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



09E4A6



94C6FF



FFA47A

# Complementary

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



09E4A6



E40947

# 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.



FF96B0



09E4A6



F0AEFF

# Square

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



09E4A6



00D8FF



FF9AEB



FFBA55

# Rectangle

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



09E4A6



00E5FF



FF9AEB



FF9E8B

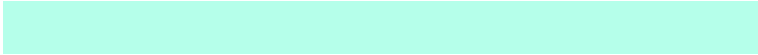


# Sweetspot

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



09E4A6



B5FFEA



47E409



538073



000000



808080



# Same Dimension

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



09E4A6



00FFB7



09B5E4



677370



00B380



003325



# Inverse Universe

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



E40947



FF0048



E43809



73676B



B30033

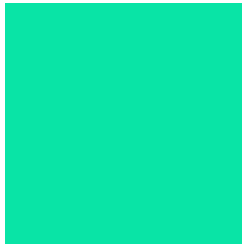


33000E



# Previews

## White Background



This preview shows how the Hex color 09E4A6 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 09E4A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

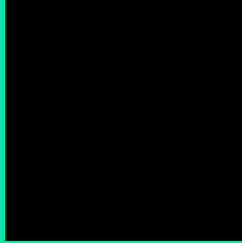
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 09E4A6 Background



This preview shows how black text looks on a background with the Hex color 09E4A6.

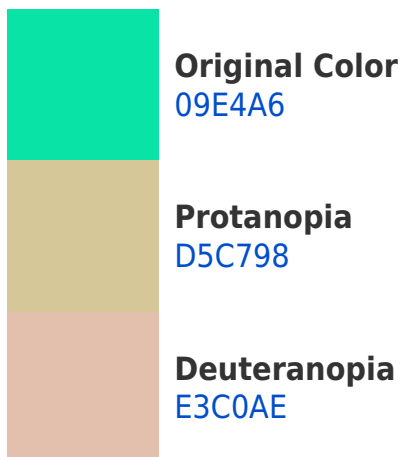


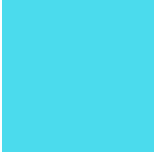
This preview shows how white text looks on a background with the Hex color 09E4A6.

# 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**  
4BDBED

# Trichromacy



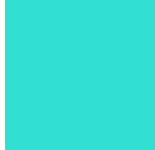
**Original Color**  
09E4A6



**Protanomaly**  
8BD29D



**Deuteranomaly**  
94CDAB



**Tritanomaly**  
33DED3

# Monochromacy



**Original Color**  
09E4A6



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
66B69F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09E4A6 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 #09E4A6 looks like.

```
.text, #text, p{  
    color:#09E4A6  
}
```

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 #09E4A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09E4A6
}
```

## Border

The CSS property to change the border of an element to Hex 09E4A6 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
#09E4A6 }
```

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

```
.border{ border-color:#09E4A6 }
```

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

Here you see how a box with a 4 pixel #09E4A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09E4A6; -webkit-box-shadow:4px 4px  
4px 4px #09E4A6; box-shadow:4px 4px 4px  
4px #09E4A6 }
```

# Background

The CSS property to change the background color of an element to Hex 09E4A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09E4A6 }
```

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

```
.background{ background-color:#09E4A6 }
```

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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