

Converting Colors

Hex(49E08F)

Have a look what the booklet for
Hex(49E08F) contains.

Hex(49E08F)	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(49E08F)

Conversions

Conversions Part 1

Format	Color
Hex	49E08F
RGB	73, 224, 143
RGB Percent	29%, 88%, 56%
CMY	0.7137, 0.1216, 0.4392
CMYK	0.67, 0.00, 0.36, 0.12
HSL	148°, 71%, 58%
HSV	148°, 67%, 88%
XYZ	34.3612, 56.7109, 35.1219
YIQ	169.6170, -63.9950, -57.2030

Conversions

Conversions Part 2

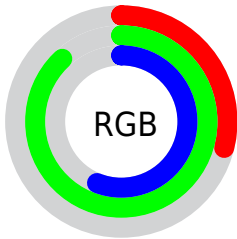
Format	Color
RYB	73, 176, 224
Decimal	4841615
CIELab	80.02, -57.68, 28.38
CIELCh	80, 64.282, 153.798
Yxy	56.7109, 0.2723, 0.4494
Android (android.graphics.Color)	4283031695 (0xFF49E08F)
YUV	169.6170, -13.1222, -84.7331
Hunter-Lab	75.3067, -50.3400, 25.0627

Details

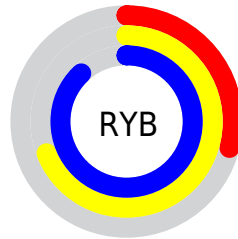
The Hex color **49E08F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E0499A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8AFFC5**, and **00A85C** is the 20% darker color. If you saturate the color by 10%, you get **33E083**, and if you desaturate by 10%, it is **5FE09B**.

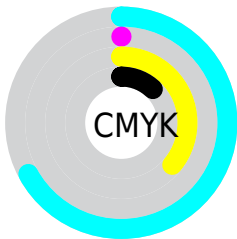
Distribution



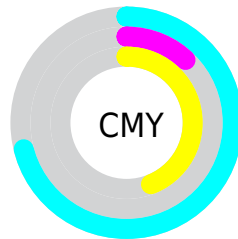
- Red (29%)
- Green (88%)
- Blue (56%)



- Red (29%)
- Yellow (69%)
- Blue (88%)



- Cyan (67%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)



- Cyan (71%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49E08F 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 49E08F by changing the saturation by 10% instead.

 49E08F

 49E08F

FFFFFF

 1DC375

 8AFFC5

 00A85C

 A8FFE1

 008C44

 C6FFFE

 00722C

 E5FFFF

 005815

 003F00

 002800

 000000

 49E08F

 49E08F

 33E083

 5FE09B

 1CE077

 76E0A7

 06E06B

 8CE0B3

 00E068

 A3E0BF

 B9E0CB

 CFE0D7

 E6E0E3

 FCE0EF

 FFE0FB

Harmonies

Analogous

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



A3D65D



49E08F



00E4CC

Triad

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



49E08F



5CCAFF



FF9A87

Complementary

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



49E08F



E0499A

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.



FF91C1



49E08F



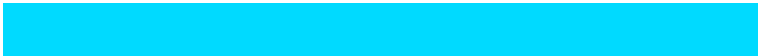
D4B3FF

Square

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



49E08F



00DAFF



FF9CFD



FFB05A

Rectangle

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



49E08F



00E4F5



FF9CFD



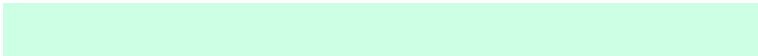
FF9599

Sweetspot

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



49E08F



CCFFE4



9CE049



61806F



000000



808080

Same Dimension

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



49E08F



30FF90



49E0D8



65706A



00B052



003016

Inverse Universe

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



E0499A



FF309F



E04951



70656B



B0005E



30001A

Previews

White Background



This preview shows how the Hex color 49E08F looks on a white background.

Color Contrast Check

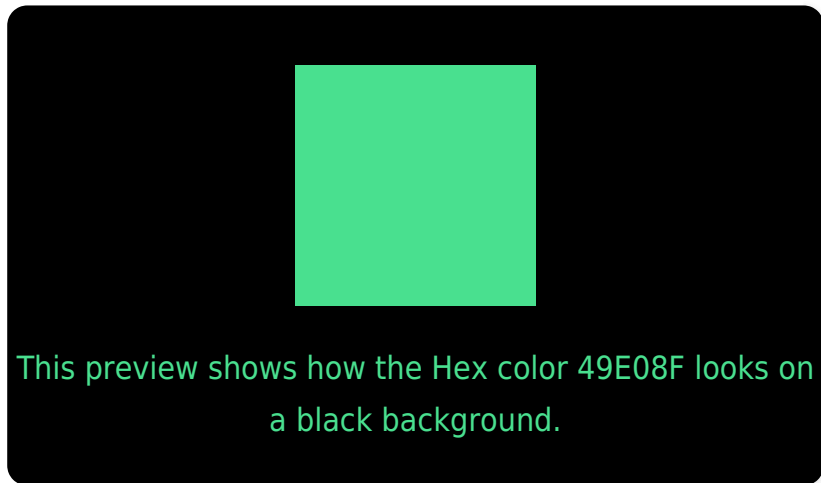
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

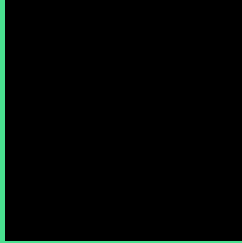
Any Text WCAG AA ✓ Pass

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 49E08F Background



This preview shows how black text looks on a background with the Hex color 49E08F.

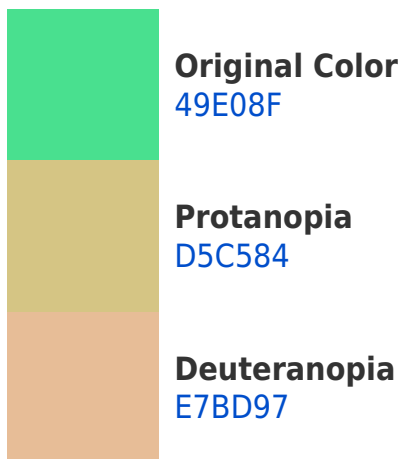


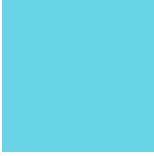
This preview shows how white text looks on a background with the Hex color 49E08F.

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](#).

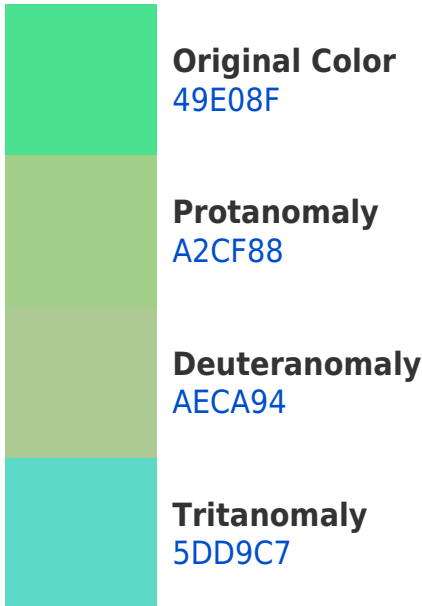
Dichromacy





Tritanopia
68D5E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49E08F 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 #49E08F looks like.

```
.text, #text, p{  
    color:#49E08F  
}
```

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 #49E08F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49E08F
}
```

Border

The CSS property to change the border of an element to Hex 49E08F 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
#49E08F }
```

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

```
.border{ border-color:#49E08F }
```

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

Here you see how a box with a 4 pixel #49E08F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49E08F; -webkit-box-shadow:4px 4px  
4px 4px #49E08F; box-shadow:4px 4px 4px  
4px #49E08F }
```

Background

The CSS property to change the background color of an element to Hex 49E08F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49E08F }
```

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

```
.background{ background-color:#49E08F }
```

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