

Converting Colors

Hex(33E098)

Have a look what the booklet for
Hex(33E098) contains.

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Color

Hex(33E098)

Conversions

Conversions Part 1

Format	Color
Hex	33E098
RGB	51, 224, 152
RGB Percent	20%, 88%, 60%
CMY	0.8000, 0.1216, 0.4039
CMYK	0.77, 0.00, 0.32, 0.12
HSL	155°, 74%, 54%
HSV	155°, 77%, 88%
XYZ	33.6884, 56.2821, 38.7937
YIQ	164.0650, -79.9960, -59.0680

Conversions

Conversions Part 2

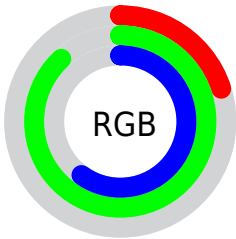
Format	Color
RYB	51, 160, 224
Decimal	3399832
CIELab	79.77, -58.97, 23.34
CIELCh	80, 63.423, 158.405
Yxy	56.2821, 0.2616, 0.4371
Android (android.graphics.Color)	4281589912 (0xFF33E098)
YUV	164.0650, -5.9480, -99.1580
Hunter-Lab	75.0214, -51.1320, 21.8560

Details

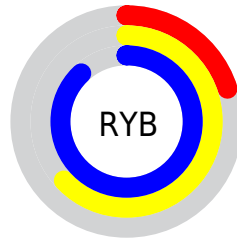
The Hex color **33E098** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E0337B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7CFFCF**, and **00A765** is the 20% darker color. If you saturate the color by 10%, you get **1DE08F**, and if you desaturate by 10%, it is **49E0A1**.

Distribution



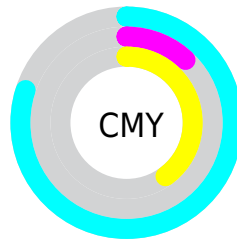
- Red (20%)
- Green (88%)
- Blue (60%)



- Red (20%)
- Yellow (63%)
- Blue (88%)



- Cyan (77%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (80%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33E098 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 33E098 by changing the saturation by 10% instead.

 33E098

 33E098

FFFFFF

 00C37E

 7CFFCF

 00A765

 9BFFEB

 008C4C

 BAFFFF

 007135

 D9FFFF

 00581E

 F8FFFF

 003F08

 002700

 000000

 33E098

 33E098

 1DE08F

 49E0A1

 06E085

 60E0AB

 00E083

 76E0B4

 8DE0BD

 A3E0C7

 B9E0D0

 D0E0D9

 E6E0E3

 FDE0EC

Harmonies

Analogous

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



98D764



33E098



00E3D5

Triad

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



33E098



77C7FF



FF9D7F

Complementary

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



33E098



E0337B

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.



FF91B7



33E098



DFAFFF

Square

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



33E098



00D8FF



FF99F3



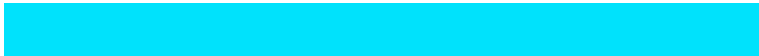
FFB356

Rectangle

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



33E098



00E2FC



FF99F3



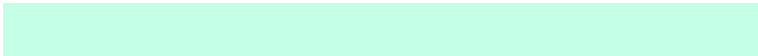
FF9791

Sweetspot

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



33E098



C4FFE7



7BE033



5C8071



000000



808080

Same Dimension

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



33E098



12FF9C



33D2E0



65706C



00B067



00301C

Inverse Universe

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



E0337B



FF1275



E04133



70656A



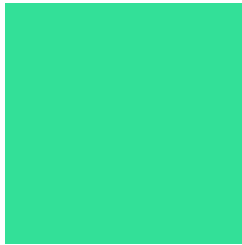
B00049



300014

Previews

White Background



This preview shows how the Hex color 33E098 looks on a white background.

Color Contrast Check

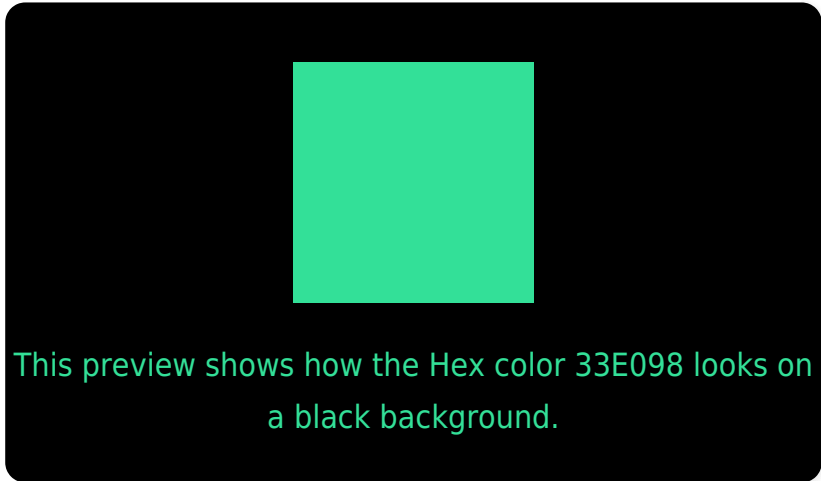
Large Text (above 18pt) WCAG AA × Fail

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 33E098 Background



This preview shows how black text looks on a background with the Hex color 33E098.

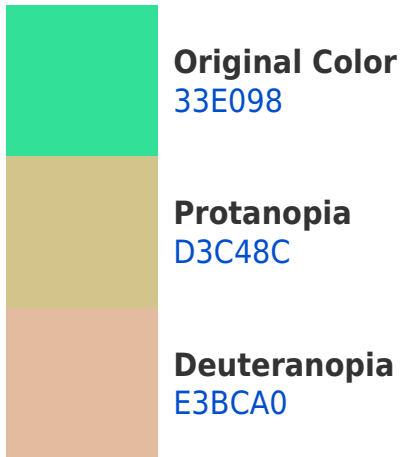


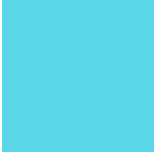
This preview shows how white text looks on a background with the Hex color 33E098.

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



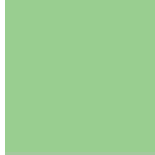


Tritanopia
5AD6E7

Trichromacy



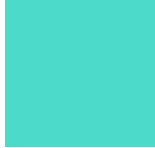
Original Color
33E098



Protanomaly
99CE90



Deuteranomaly
A3C99D



Tritanomaly
4CDACA

Monochromacy



Original Color
33E098



Achromatopsia
A4A4A4



Achromatomaly
7BBAA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 33E098 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 #33E098 looks like.

```
.text, #text, p{  
    color:#33E098  
}
```

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 #33E098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33E098
}
```

Border

The CSS property to change the border of an element to Hex 33E098 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
#33E098 }
```

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

```
.border{ border-color:#33E098 }
```

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

Here you see how a box with a 4 pixel #33E098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33E098; -webkit-box-shadow:4px 4px  
4px 4px #33E098; box-shadow:4px 4px 4px  
4px #33E098 }
```

Background

The CSS property to change the background color of an element to Hex 33E098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33E098 }
```

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

```
.background{ background-color:#33E098 }
```

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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