

Converting Colors

Hex(67E298)

Have a look what the booklet for
Hex(67E298) contains.

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Color

Hex(67E298)

Conversions

Conversions Part 1

Format	Color
Hex	67E298
RGB	103, 226, 152
RGB Percent	40%, 89%, 60%
CMY	0.5961, 0.1137, 0.4039
CMYK	0.54, 0.00, 0.33, 0.11
HSL	144°, 68%, 65%
HSV	144°, 54%, 89%
XYZ	38.4574, 59.5433, 39.1719
YIQ	180.7870, -49.5540, -49.0900

Conversions

Conversions Part 2

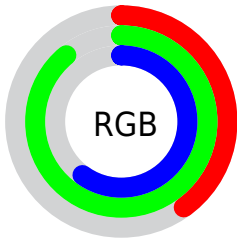
Format	Color
RYB	103, 191, 226
Decimal	6808216
CIELab	81.59, -50.83, 26.01
CIElCh	82, 57.099, 152.898
Yxy	59.5433, 0.2804, 0.4341
Android (android.graphics.Color)	4284998296 (0xFF67E298)
YUV	180.7870, -14.1920, -68.2192
Hunter-Lab	77.1643, -46.0761, 23.9169

Details

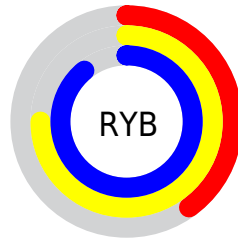
The Hex color **67E298** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E267B1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A2FFCF**, and **23AA64** is the 20% darker color. If you saturate the color by 10%, you get **50E28A**, and if you desaturate by 10%, it is **7EE2A6**.

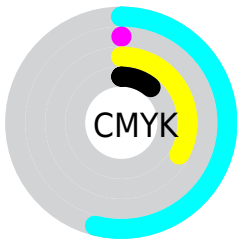
Distribution



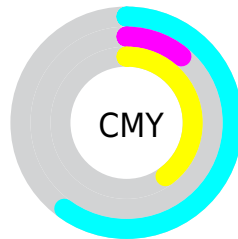
- Red (40%)
- Green (89%)
- Blue (60%)



- Red (40%)
- Yellow (75%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67E298 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 67E298 by changing the saturation by 10% instead.

 67E298

 67E298

FFFFFF

 48C67E

 A2FFCF

 23AA64

 BFFFEB

 008F4C

 DDFFFF

 007434

 FBFFFF

 005B1E

 004206

 002C00

 000B00

 000000

 67E298

 67E298

 50E28A

 7EE2A6

 3AE27D

 94E2B3

 23E26F

 ABE2C1

 0DE262

 C1E2CE

 00E25A

 D8E2DC

 EFE2EA

 FFE2F7

 FFE2FF

Harmonies

Analogous

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



AED96D



67E298



00E6CE

Triad

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



67E298



76CFFF



FFA494

Complementary

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



67E298



E267B1

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.



FF9DC8



67E298



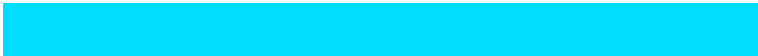
D6BBFF

Square

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



67E298



00DDFF



FFA7FC



FFB66C

Rectangle

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



67E298



00E6F3



FFA7FC



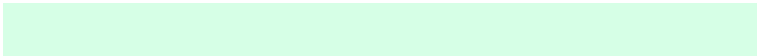
FFA0A4

Sweetspot

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



67E298



D6FFE6



B3E267



678071



000000



808080

Same Dimension

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



67E298



59FF9B



67E2D4



657069



00B046



003013

Inverse Universe

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



E267B1



FF59BD



E26775



70656C



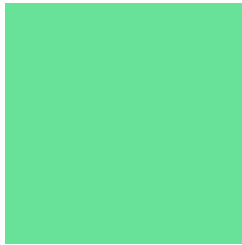
B0006A



30001D

Previews

White Background



This preview shows how the Hex color 67E298 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 67E298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

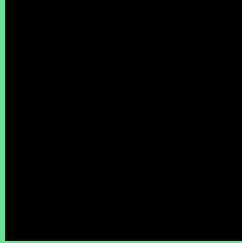
Any Text WCAG AA ✓ Pass

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 67E298 Background



This preview shows how black text looks on a background with the Hex color 67E298.

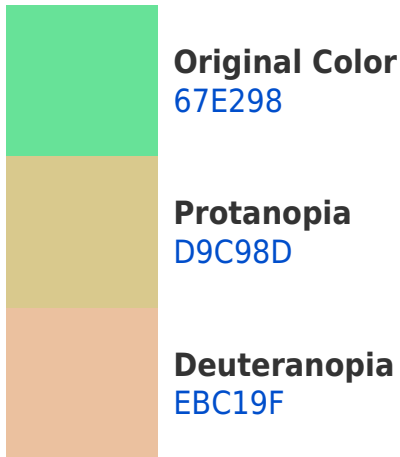


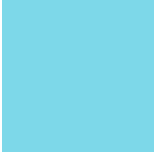
This preview shows how white text looks on a background with the Hex color 67E298.

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



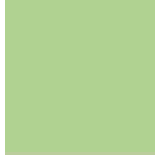


Tritanopia
7DD8E9

Trichromacy



Original Color
67E298



Protanomaly
B0D291



Deuteranomaly
BBCD9C



Tritanomaly
75DCCC

Monochromacy



Original Color
67E298



Achromatopsia
B5B5B5



Achromatomaly
99C5AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 67E298 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 #67E298 looks like.

```
.text, #text, p{  
    color:#67E298  
}
```

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 #67E298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E298
}
```

Border

The CSS property to change the border of an element to Hex 67E298 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
#67E298 }
```

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

```
.border{ border-color:#67E298 }
```

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

Here you see how a box with a 4 pixel #67E298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E298; -webkit-box-shadow:4px 4px  
4px 4px #67E298; box-shadow:4px 4px 4px  
4px #67E298 }
```

Background

The CSS property to change the background color of an element to Hex 67E298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E298 }
```

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

```
.background{ background-color:#67E298 }
```

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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