

Converting Colors

Hex(67E2C3)

Have a look what the booklet for
Hex(67E2C3) contains.

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Color

Hex(67E2C3)

Conversions

Conversions Part 1

Format	Color
Hex	67E2C3
RGB	103, 226, 195
RGB Percent	40%, 89%, 76%
CMY	0.5961, 0.1137, 0.2353
CMYK	0.54, 0.00, 0.14, 0.11
HSL	165°, 68%, 65%
HSV	165°, 54%, 89%
XYZ	42.6402, 61.2164, 61.1983
YIQ	185.6890, -63.3570, -35.7170

Conversions

Conversions Part 2

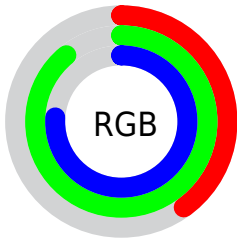
Format	Color
RYB	103, 173, 226
Decimal	6808259
CIELab	82.49, -41.78, 4.77
CIELCh	82, 42.055, 173.493
Yxy	61.2164, 0.2583, 0.3709
Android (android.graphics.Color)	4284998339 (0xFF67E2C3)
YUV	185.6890, 4.5903, -72.5183
Hunter-Lab	78.2409, -39.6416, 8.3933

Details

The Hex color **67E2C3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E26786**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A3FFFC**, and **21AA8D** is the 20% darker color. If you saturate the color by 10%, you get **50E2BD**, and if you desaturate by 10%, it is **7EE2C9**.

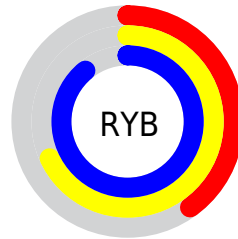
Distribution



Red (40%)

Green (89%)

Blue (76%)



Red (40%)

Yellow (68%)

Blue (89%)

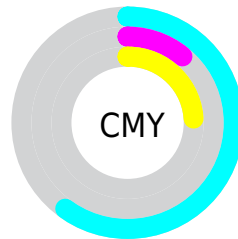


Cyan (54%)

Magenta (0%)

Yellow (14%)

Black (11%)



Cyan (60%)

Magenta (11%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67E2C3 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 67E2C3 by changing the saturation by 10% instead.

 67E2C3

FFFFFF

 A3FFFC

 C0FFFF

 DEFFFF

 FCFFFF

 67E2C3

 48C6A8

 21AA8D

 008F74

 00755B

 005B44

 00432E

 002C19

 001000

 000000

 67E2C3

 67E2C3

 50E2BD

 7EE2C9

 3AE2B8

 94E2CE

 23E2B2

 ABE2D4

 0DE2AC

 C1E2DA

 00E2A9

 D8E2DF

 EFE2E5

 FFE2EB

 FFE2F1

 FFE2F6

Harmonies

Analogous

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



9ADD9D



67E2C3



35E2EB

Triad

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



67E2C3



C6C6FF



FFBA8F

Complementary

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



67E2C3



E26786

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.



FFB0B0



67E2C3



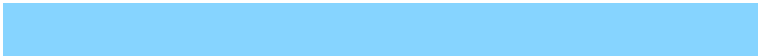
F7B8FD

Square

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



67E2C3



86D4FF



FFAFD8



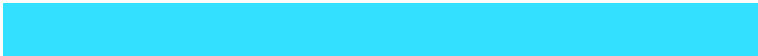
EFC87F

Rectangle

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



67E2C3



33E0FF



FFAFD8



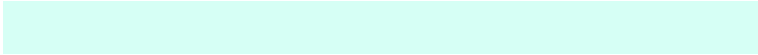
FFB699

Sweetspot

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



67E2C3



D6FFF5



88E267



678079



000000



808080

Same Dimension

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



67E2C3



59FFD5



67C5E2



65706D



00B084



003024

Inverse Universe

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



E26786



FF5983



E28467



706568



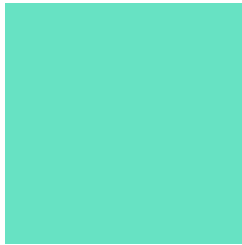
B0002C



30000C

Previews

White Background



This preview shows how the Hex color 67E2C3 looks on a white background.

Color Contrast Check

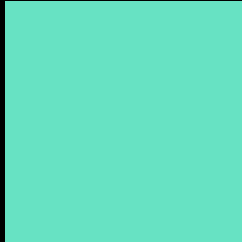
Large Text (above 18pt) WCAG AA × Fail

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 67E2C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

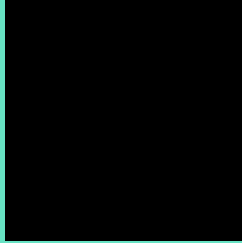
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

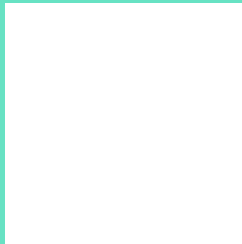
Any Text WCAG AAA ✓ Pass

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

Hex 67E2C3 Background



This preview shows how black text looks on a background with the Hex color 67E2C3.

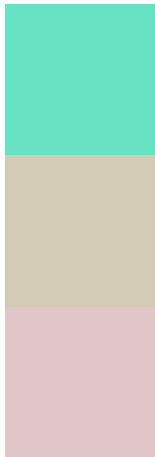


This preview shows how white text looks on a background with the Hex color 67E2C3.

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](#).

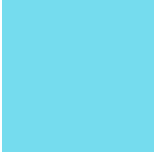
Dichromacy



Original Color
67E2C3

Protanopia
D4CBB7

Deuteranopia
E0C5C9



Tritanopia
75DCEE

Trichromacy



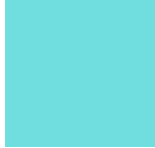
Original Color
67E2C3



Protanomaly
ACD3BB



Deuteranomaly
B4D0C7

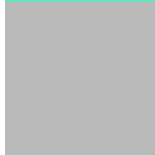


Tritanomaly
70DEDE

Monochromacy



Original Color
67E2C3



Achromatopsia
BABABA



Achromatomaly
9CC9BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 67E2C3 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 #67E2C3 looks like.

```
.text, #text, p{  
    color:#67E2C3  
}
```

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 #67E2C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E2C3
}
```

Border

The CSS property to change the border of an element to Hex 67E2C3 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
#67E2C3 }
```

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

```
.border{ border-color:#67E2C3 }
```

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

Here you see how a box with a 4 pixel #67E2C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E2C3; -webkit-box-shadow:4px 4px  
4px 4px #67E2C3; box-shadow:4px 4px 4px  
4px #67E2C3 }
```

Background

The CSS property to change the background color of an element to Hex 67E2C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E2C3 }
```

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

```
.background{ background-color:#67E2C3 }
```

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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