

Converting Colors

Hex(67E1D5)

Have a look what the booklet for
Hex(67E1D5) contains.

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Color

Hex(67E1D5)

Conversions

Conversions Part 1

Format	Color
Hex	67E1D5
RGB	103, 225, 213
RGB Percent	40%, 88%, 84%
CMY	0.5961, 0.1176, 0.1647
CMYK	0.54, 0.00, 0.05, 0.12
HSL	174°, 67%, 64%
HSV	174°, 54%, 88%
XYZ	44.5290, 61.5381, 72.4819
YIQ	187.1540, -68.8600, -29.5960

Conversions

Conversions Part 2

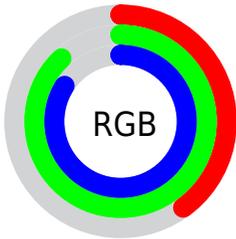
Format	Color
RYB	103, 167, 225
Decimal	6808021
CIELab	82.67, -36.96, -4.51
CIELCh	83, 37.231, 186.965
Yxy	61.5381, 0.2494, 0.3447
Android (android.graphics.Color)	4284998101 (0xFF67E1D5)
YUV	187.1540, 12.7421, -73.8031
Hunter-Lab	78.4462, -35.9577, 0.1302

Details

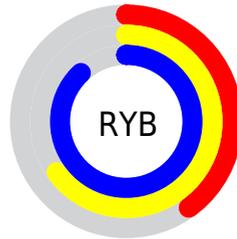
The Hex color **67E1D5** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E16773**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A3FFFF**, and **1EA99E** is the 20% darker color. If you saturate the color by 10%, you get **51E1D3**, and if you desaturate by 10%, it is **7EE1D7**.

Distribution



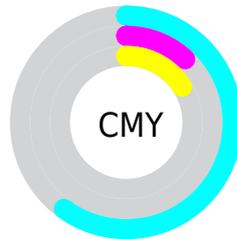
- Red (40%)
- Green (88%)
- Blue (84%)



- Red (40%)
- Yellow (65%)
- Blue (88%)



- Cyan (54%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (60%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67E1D5 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 67E1D5 by changing the saturation by 10% instead.

 67E1D5

 67E1D5

FFFFFF

 47C5B9

 A3FFFF

 1EA99E

 C1FFFF

 008E84

 DFFFFF

 00746B

FDFFFF

 005B53

 00433C

 002C26

 001112

 000000

 67E1D5

 67E1D5

 51E1D3

 7EE1D7

 3AE1D1

 94E1D9

 24E1CE

 ABE1DC

 0DE1CC

 C1E1DE

 00E1CB

 D8E1E0

 EEE1E2

 FFE1E4

 FFE1E7

 FFE1E9

Harmonies

Analogous

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



8EDFB1



67E1D5



57DFF7

Triad

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



67E1D5



DDC2FF



FDC28E

Complementary

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



67E1D5



E16773

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.



FFB8A5



67E1D5



FFB7EA

Square

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



67E1D5



ABCEFF



FFB3C7



DECE88

Rectangle

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



67E1D5



68DBFF



FFB3C7



FFBE94

Sweetspot

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



67E1D5



D6FFFB



73E167



67807D



000000



808080

Same Dimension

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



67E1D5



59FFEF



67B0E1



65706F



00B09F



00302C

Inverse Universe

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



E16773



FF596A



E19867



706566



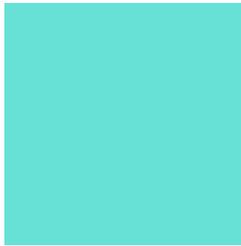
B00011



300005

Previews

White Background



This preview shows how the Hex color 67E1D5 looks on a white background.

Color Contrast Check

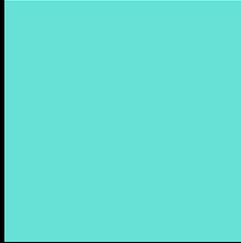
Large Text (above 18pt) WCAG AA × Fail

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 67E1D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

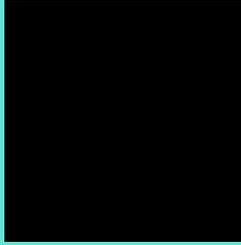
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

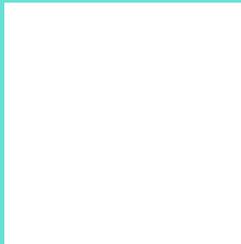
Any Text WCAG AAA ✓ Pass

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

Hex 67E1D5 Background



This preview shows how black text looks on a background with the Hex color 67E1D5.



This preview shows how white text looks on a background with the Hex color 67E1D5.

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
70DDEF

Trichromacy



Original Color
67E1D5



Protanomaly
AAD3CD



Deuteranomaly
B0D0D9



Tritanomaly
6DDEE6

Monochromacy



Original Color
67E1D5



Achromatopsia
BBBBBB



Achromatomaly
9CC9C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 67E1D5 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 #67E1D5 looks like.

```
.text, #text, p{  
    color:#67E1D5  
}
```

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 #67E1D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E1D5
}
```

Border

The CSS property to change the border of an element to Hex 67E1D5 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
#67E1D5 }
```

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

```
.border{ border-color:#67E1D5 }
```

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

Here you see how a box with a 4 pixel #67E1D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E1D5; -webkit-box-shadow:4px 4px  
4px 4px #67E1D5; box-shadow:4px 4px 4px  
4px #67E1D5 }
```

Background

The CSS property to change the background color of an element to Hex 67E1D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E1D5 }
```

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

```
.background{ background-color:#67E1D5 }
```

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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