

Converting Colors

Hex(67D0E6)

Have a look what the booklet for
Hex(67D0E6) contains.

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Color

Hex(67D0E6)

Conversions

Conversions Part 1

Format	Color
Hex	67D0E6
RGB	103, 208, 230
RGB Percent	40%, 82%, 90%
CMY	0.5961, 0.1843, 0.0980
CMYK	0.55, 0.10, 0.00, 0.10
HSL	190°, 72%, 65%
HSV	190°, 55%, 90%
XYZ	42.4323, 53.7085, 82.9933
YIQ	179.1130, -69.6420, -15.4180

Conversions

Conversions Part 2

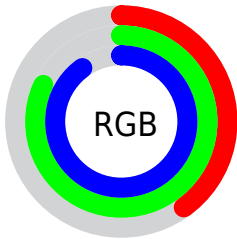
Format	Color
RYB	103, 160, 230
Decimal	6803686
CIELab	78.29, -24.29, -20.12
CIElCh	78, 31.541, 219.641
Yxy	53.7085, 0.2369, 0.2998
Android (android.graphics.Color)	4284993766 (0xFF67D0E6)
YUV	179.1130, 25.0873, -66.7511
Hunter-Lab	73.2861, -24.8999, -15.8431

Details

The Hex color **67D0E6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E67D67**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A3FFFF**, and **1F99AE** is the 20% darker color. If you saturate the color by 10%, you get **50CCE6**, and if you desaturate by 10%, it is **7ED4E6**.

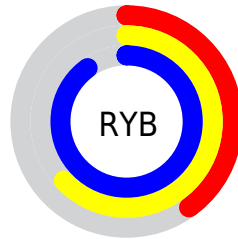
Distribution



Red (40%)

Green (82%)

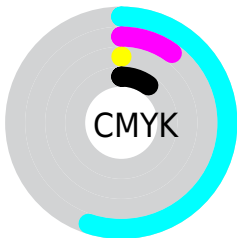
Blue (90%)



Red (40%)

Yellow (63%)

Blue (90%)

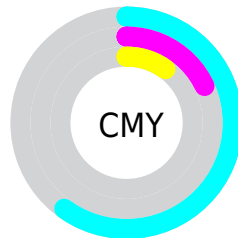


Cyan (55%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (60%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67D0E6 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 67D0E6 by changing the saturation by 10% instead.

 67D0E6

 67D0E6

FFFFFF

 47B4CA

 A3FFFF

 1F99AE

 C1FFFF

 007F94

 DFFFFF

 00667A

FDFFFF

 004E61

 003649

 002233

 00021E

 000000

 67D0E6

 67D0E6

 50CCE6

 7ED4E6

 39C8E6

 95D8E6

 22C4E6

 ACDCE6

 0BC0E6

 C3E0E6

 00BEE6

 DAE4E6

 F1E8E6

 FFECE6

 FFF0E6

 FFF4E6

Harmonies

Analogous

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



6ED2CA



67D0E6



80CAF8

Triad

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



67D0E6



EFAFD7



CDC388

Complementary

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



67D0E6



E67D67

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.



E8B98B



67D0E6



FCACB9

Square

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



67D0E6



D2B7EF



F9B09E



ADCB94

Rectangle

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



67D0E6



9BC4FC



F9B09E



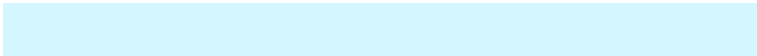
D7C087

Sweetspot

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



67D0E6



D4F7FF



67E67C



667B80



000000



808080

Same Dimension

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



67D0E6



57E2FF



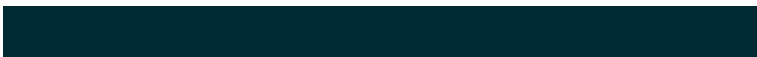
6791E6



677173



0094B3



002A33

Inverse Universe

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



E667D0



FF57E2



E6BC67



736771



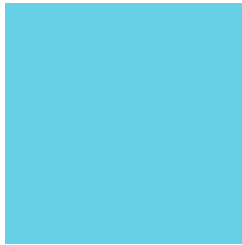
B30094



33002A

Previews

White Background



This preview shows how the Hex color 67D0E6 looks on a white background.

Color Contrast Check

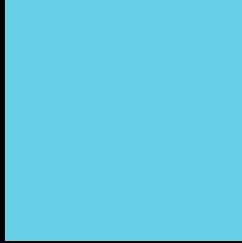
Large Text (above 18pt) WCAG AA × Fail

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 67D0E6 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 67D0E6 Background



This preview shows how black text looks on a background with the Hex color 67D0E6.

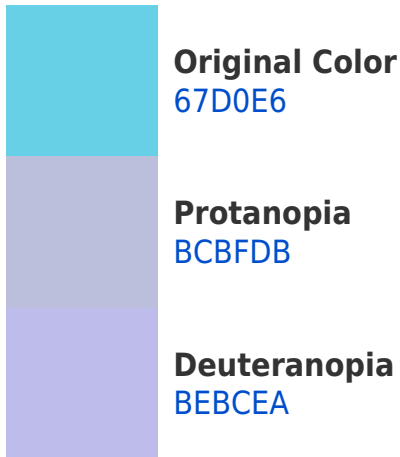


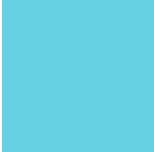
This preview shows how white text looks on a background with the Hex color 67D0E6.

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](#).

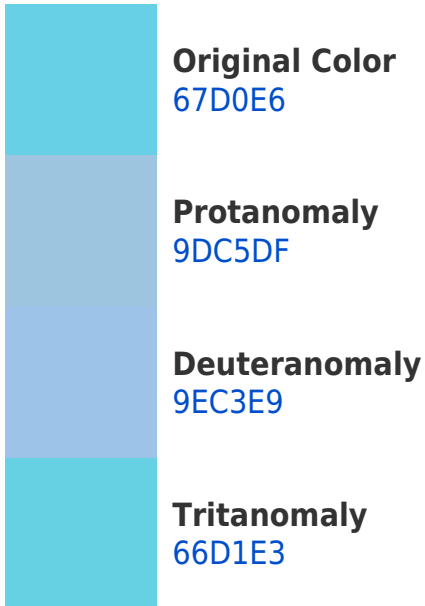
Dichromacy





Tritanopia
65D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67D0E6 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 #67D0E6 looks like.

```
.text, #text, p{  
    color:#67D0E6  
}
```

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 #67D0E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D0E6
}
```

Border

The CSS property to change the border of an element to Hex 67D0E6 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
#67D0E6 }
```

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

```
.border{ border-color:#67D0E6 }
```

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

Here you see how a box with a 4 pixel #67D0E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D0E6; -webkit-box-shadow:4px 4px  
4px 4px #67D0E6; box-shadow:4px 4px 4px  
4px #67D0E6 }
```

Background

The CSS property to change the background color of an element to Hex 67D0E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D0E6 }
```

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

```
.background{ background-color:#67D0E6 }
```

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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