

Converting Colors

Hex(66D1E7)

Have a look what the booklet for
Hex(66D1E7) contains.

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Color

Hex(66D1E7)

Conversions

Conversions Part 1

Format	Color
Hex	66D1E7
RGB	102, 209, 231
RGB Percent	40%, 82%, 91%
CMY	0.6000, 0.1804, 0.0941
CMYK	0.56, 0.10, 0.00, 0.09
HSL	190°, 73%, 65%
HSV	190°, 56%, 91%
XYZ	42.7038, 54.1952, 83.8113
YIQ	179.5150, -70.8340, -15.8420

Conversions

Conversions Part 2

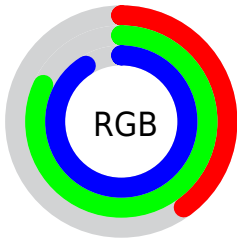
Format	Color
RYB	102, 160, 231
Decimal	6738407
CIELab	78.58, -24.70, -20.23
CIElCh	79, 31.927, 219.321
Yxy	54.1952, 0.2363, 0.2999
Android (android.graphics.Color)	4284928487 (0xFF66D1E7)
YUV	179.5150, 25.3821, -67.9807
Hunter-Lab	73.6174, -25.2867, -15.9678

Details

The Hex color **66D1E7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E77C66**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A2FFFF**, and **1C9AAF** is the 20% darker color. If you saturate the color by 10%, you get **4FCDE7**, and if you desaturate by 10%, it is **7DD5E7**.

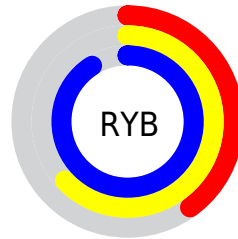
Distribution



Red (40%)

Green (82%)

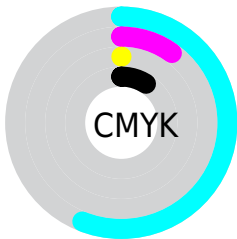
Blue (91%)



Red (40%)

Yellow (63%)

Blue (91%)

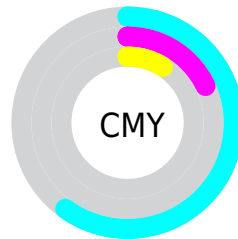


Cyan (56%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (60%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D1E7 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 66D1E7 by changing the saturation by 10% instead.

 66D1E7

 66D1E7

FFFFFF

 46B5CB

 A2FFFF

 1C9AAF

 C0FFFF

 008095

 DEFFFF

 00677B

 FCFFFF

 004E62

 00374A

 002233

 00021F

 000001

■ 66D1E7

■ 66D1E7

■ 4FCDE7

■ 7DD5E7

■ 38C9E7

■ 94D9E7

■ 21C5E7

■ ABDDE7

■ 0AC1E7

■ C2E1E7

■ 00C0E7

■ DAE5E7

■ F1E9E7

■ FFEDE7

■ FFF1E7

■ FFF4E7

Harmonies

Analogous

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



6ED3CB



66D1E7



80CBF9

Triad

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



66D1E7



F0AFD8



CEC488

Complementary

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



66D1E7



E77C66

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.



E9BA8C



66D1E7



FEACBA

Square

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



66D1E7



D3B8F0



FBB19E



ADCC94

Rectangle

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



66D1E7



9BC5FD



FBB19E



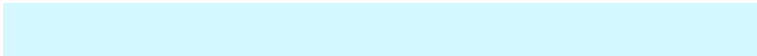
D8C087

Sweetspot

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



66D1E7



D4F8FF



66E77B



667B80



000000



808080

Same Dimension

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



66D1E7



54E2FF



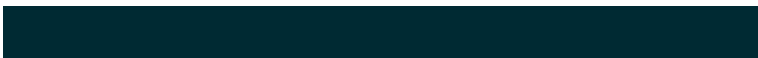
6691E7



677173



0094B3



002A33

Inverse Universe

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



E766D1



FF54E2



E7BC66



736771



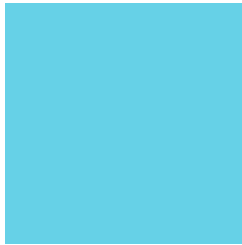
B30094



33002A

Previews

White Background



This preview shows how the Hex color 66D1E7 looks on a white background.

Color Contrast Check

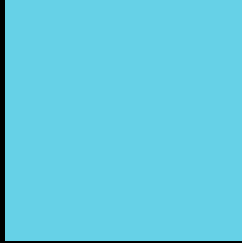
Large Text (above 18pt) WCAG AA × Fail

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 66D1E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

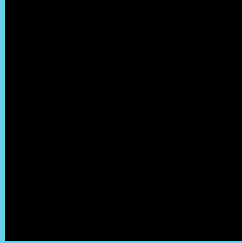
Any Text WCAG AA ✓ Pass

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 66D1E7 Background



This preview shows how black text looks on a background with the Hex color 66D1E7.

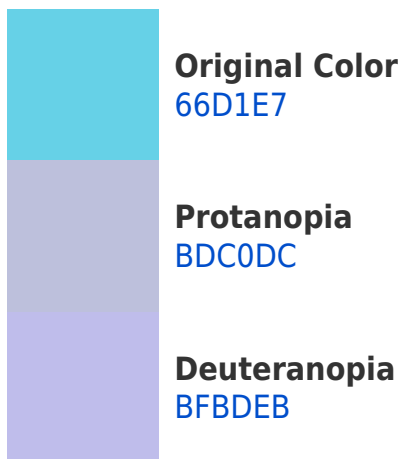


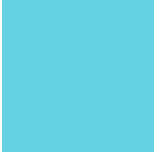
This preview shows how white text looks on a background with the Hex color 66D1E7.

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](#).

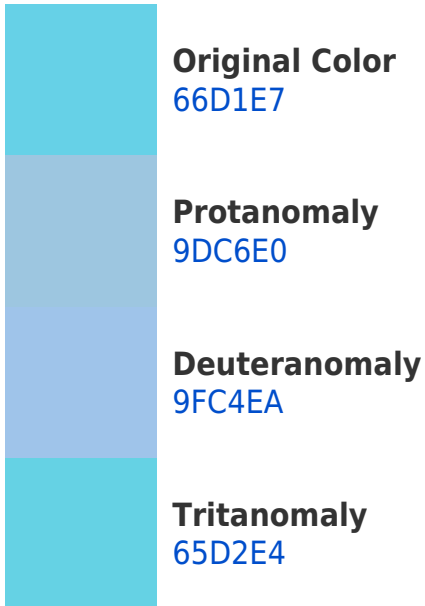
Dichromacy





Tritanopia
64D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66D1E7 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 #66D1E7 looks like.

```
.text, #text, p{  
    color:#66D1E7  
}
```

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 #66D1E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D1E7
}
```

Border

The CSS property to change the border of an element to Hex 66D1E7 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
#66D1E7 }
```

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

```
.border{ border-color:#66D1E7 }
```

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

Here you see how a box with a 4 pixel #66D1E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D1E7; -webkit-box-shadow:4px 4px  
4px 4px #66D1E7; box-shadow:4px 4px 4px  
4px #66D1E7 }
```

Background

The CSS property to change the background color of an element to Hex 66D1E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D1E7 }
```

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

```
.background{ background-color:#66D1E7 }
```

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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