

Converting Colors

Hex(66D0E1)

Have a look what the booklet for
Hex(66D0E1) contains.

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Color

Hex(66D0E1)

Conversions

Conversions Part 1

Format	Color
Hex	66D0E1
RGB	102, 208, 225
RGB Percent	40%, 82%, 88%
CMY	0.6000, 0.1843, 0.1176
CMYK	0.55, 0.08, 0.00, 0.12
HSL	188°, 67%, 64%
HSV	188°, 55%, 88%
XYZ	41.6260, 53.3728, 79.3422
YIQ	178.2440, -68.6330, -17.1850

Conversions

Conversions Part 2

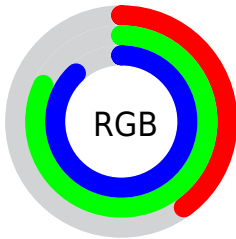
Format	Color
RYB	102, 159, 225
Decimal	6738145
CIELab	78.09, -25.88, -17.74
CIELCh	78, 31.375, 214.438
Yxy	53.3728, 0.2388, 0.3061
Android (android.graphics.Color)	4284928225 (0xFF66D0E1)
YUV	178.2440, 23.0507, -66.8660
Hunter-Lab	73.0567, -26.1441, -13.2514

Details

The Hex color **66D0E1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E17766**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A2FFFF**, and **1F99AA** is the 20% darker color. If you saturate the color by 10%, you get **50CDE1**, and if you desaturate by 10%, it is **7DD3E1**.

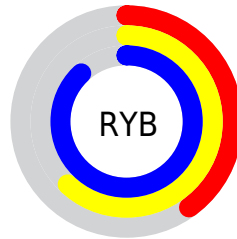
Distribution



Red (40%)

Green (82%)

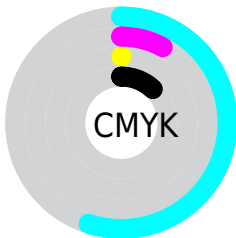
Blue (88%)



Red (40%)

Yellow (62%)

Blue (88%)

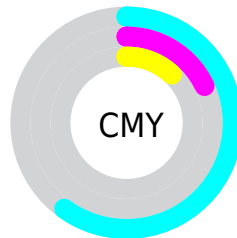


Cyan (55%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (60%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D0E1 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 66D0E1 by changing the saturation by 10% instead.

 66D0E1

 66D0E1

FFFFFF

 46B4C5

 A2FFFF

 1F99AA

 BFFFFFF

 007F8F

 DDFFFF

 006676

 FCFFFF

 004D5D

 003645

 00222F

 00011B

 000000

■ 66D0E1

■ 66D0E1

■ 50CDE1

■ 7DD3E1

■ 39CAE1

■ 93D6E1

■ 23C7E1

■ AAD9E1

■ 0CC4E1

■ C0DCE1

■ 00C2E1

■ D7E0E1

■ EDE3E1

■ FFE6E1

■ FFE9E1

■ FFECE1

Harmonies

Analogous

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



72D1C5



66D0E1



7ACBF5

Triad

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



66D0E1



EAAFDB



D2C187

Complementary

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



66D0E1



E17766

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.



EBB78D



66D0E1



FAACBE

Square

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



66D0E1



CBB8F1



FAAFA2



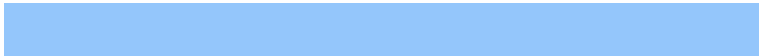
B2C990

Rectangle

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



66D0E1



94C6FB



FAAFA2



DBBD87

Sweetspot

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



66D0E1



D6F9FF



66E176



677C80



000000



808080

Same Dimension

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



66D0E1



57E8FF



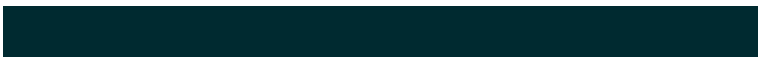
6693E1



656F70



0098B0



002A30

Inverse Universe

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



E166D0



FF57E8



E1B466



70656F



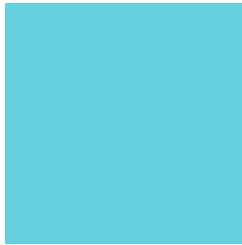
B00098



30002A

Previews

White Background



This preview shows how the Hex color 66D0E1 looks on a white background.

Color Contrast Check

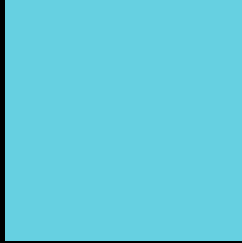
Large Text (above 18pt) WCAG AA × Fail

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 66D0E1 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 66D0E1 Background



This preview shows how black text looks on a background with the Hex color 66D0E1.

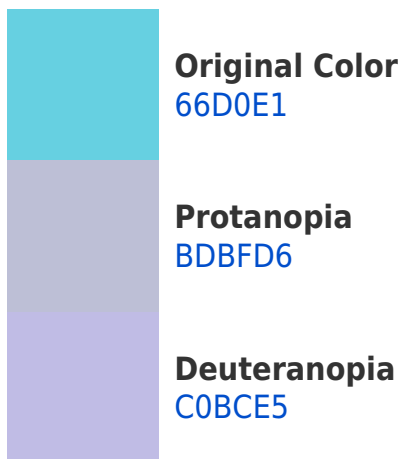


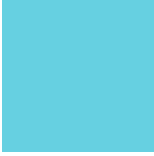
This preview shows how white text looks on a background with the Hex color 66D0E1.

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](#).

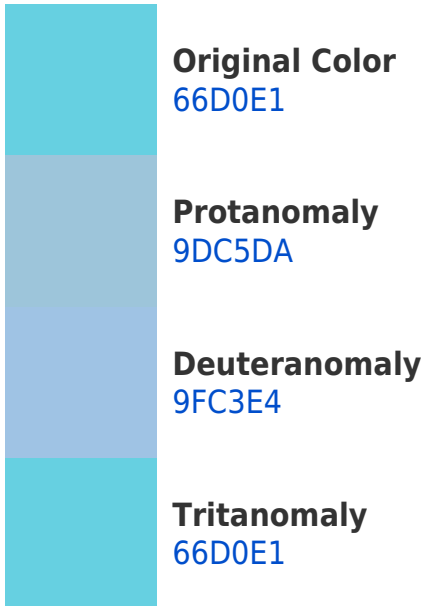
Dichromacy





Tritanopia
66D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66D0E1 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 #66D0E1 looks like.

```
.text, #text, p{  
    color:#66D0E1  
}
```

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 #66D0E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D0E1
}
```

Border

The CSS property to change the border of an element to Hex 66D0E1 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
#66D0E1 }
```

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

```
.border{ border-color:#66D0E1 }
```

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

Here you see how a box with a 4 pixel #66D0E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D0E1; -webkit-box-shadow:4px 4px  
4px 4px #66D0E1; box-shadow:4px 4px 4px  
4px #66D0E1 }
```

Background

The CSS property to change the background color of an element to Hex 66D0E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D0E1 }
```

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

```
.background{ background-color:#66D0E1 }
```

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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