

Converting Colors

Hex(66D3E2)

Have a look what the booklet for
Hex(66D3E2) contains.

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Color

Hex(66D3E2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 66D3E2 |
| RGB | 102, 211, 226 |
| RGB Percent | 40%, 83%, 89% |
| CMY | 0.6000, 0.1725, 0.1137 |
| CMYK | 0.55, 0.07, 0.00, 0.11 |
| HSL | 187°, 68%, 64% |
| HSV | 187°, 55%, 89% |
| XYZ | 42.5012, 54.9043, 80.3090 |
| YIQ | 180.1190, -69.7790, -18.4430 |

Conversions

Conversions Part 2

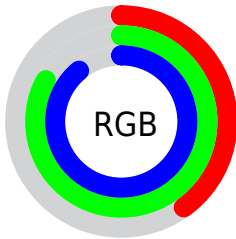
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 102, 160, 226 |
| Decimal | 6738914 |
| CIE _{Lab} | 78.99, -27.08, -16.93 |
| CIE _{LCh} | 79, 31.935, 212.022 |
| Yxy | 54.9043, 0.2392, 0.3089 |
| Android (android.graphics.Color) | 4284928994 (0xFF66D3E2) |
| YUV | 180.1190, 22.6193, -68.5104 |
| Hunter-Lab | 74.0974, -27.2855, -12.3921 |

Details

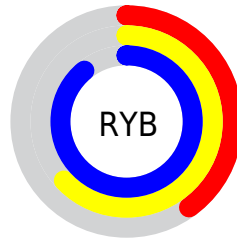
The Hex color **66D3E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E27566**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A2FFFF**, and **1D9CAB** is the 20% darker color. If you saturate the color by 10%, you get **4FD0E2**, and if you desaturate by 10%, it is **7DD6E2**.

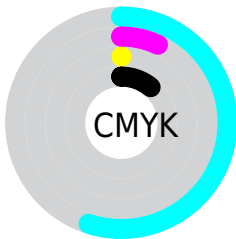
Distribution



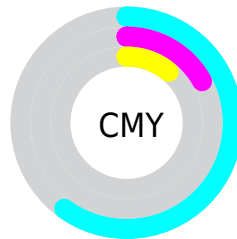
- Red (40%)
- Green (83%)
- Blue (89%)



- Red (40%)
- Yellow (63%)
- Blue (89%)



- Cyan (55%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D3E2 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 66D3E2 by changing the saturation by 10% instead.

 66D3E2

 66D3E2

FFFFFF

 46B7C6

 A2FFFF

 1D9CAB

 C0FFFF

 008290

 DEFFFF

 006877

 FCFFFF

 00505E

 003846

 002330

 00011B

 000000

■ 66D3E2

■ 66D3E2

■ 4FD0E2

■ 7DD6E2

■ 39CEE2

■ 93D8E2

■ 22CBE2

■ AADBE2

■ 0CC8E2

■ C0DEE2

■ 00C7E2

■ D7E1E2

■ EEE3E2

■ FFE6E2

■ FFE9E2

■ FFECE2

Harmonies

Analogous

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



75D4C5



66D3E2



78CEF7

Triad

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



66D3E2



EBB2E0



D7C288

Complementary

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



66D3E2



E27566

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.



F0B890



66D3E2



FDAEC3

Square

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



66D3E2



CBBBF6



FEB0A5



B7CB91

Rectangle

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



66D3E2



92C9FE



FEB0A5



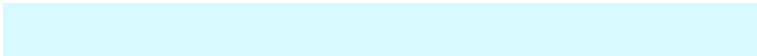
E0BF89

Sweetspot

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



66D3E2



D6FAFF



66E274



677D80



000000



808080

Same Dimension

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



66D3E2



57EBFF



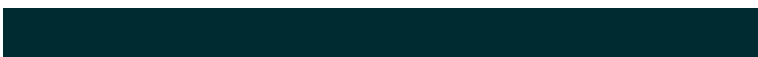
6696E2



656F70



009BB0



002B30

Inverse Universe

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



E266D3



FF57EB



E2B266



70656F



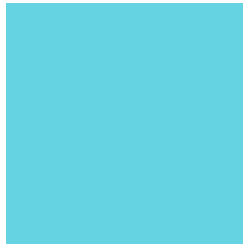
B0009B



30002B

Previews

White Background



This preview shows how the Hex color 66D3E2 looks on a white background.

Color Contrast Check

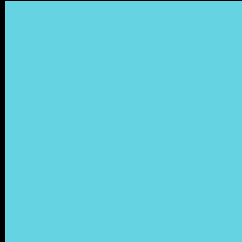
Large Text (above 18pt) WCAG AA × Fail

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 66D3E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

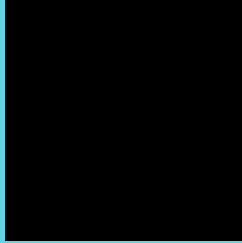
Any Text WCAG AA ✓ Pass

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 66D3E2 Background



This preview shows how black text looks on a background with the Hex color 66D3E2.

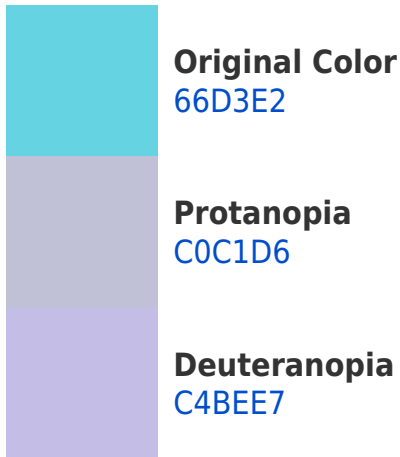


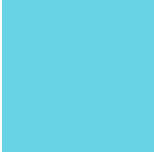
This preview shows how white text looks on a background with the Hex color 66D3E2.

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](#).

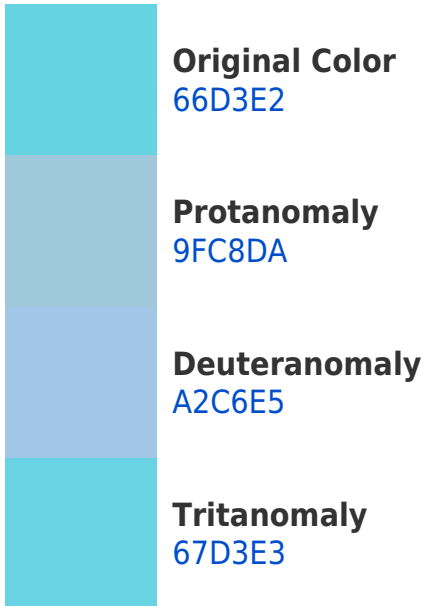
Dichromacy





Tritanopia
67D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66D3E2 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 #66D3E2 looks like.

```
.text, #text, p{  
    color:#66D3E2  
}
```

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 #66D3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D3E2
}
```

Border

The CSS property to change the border of an element to Hex 66D3E2 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
#66D3E2 }
```

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

```
.border{ border-color:#66D3E2 }
```

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

Here you see how a box with a 4 pixel #66D3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D3E2; -webkit-box-shadow:4px 4px  
4px 4px #66D3E2; box-shadow:4px 4px 4px  
4px #66D3E2 }
```

Background

The CSS property to change the background color of an element to Hex 66D3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D3E2 }
```

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

```
.background{ background-color:#66D3E2 }
```

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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