

# Converting Colors

Hex(66D2E3)

Have a look what the booklet for  
Hex(66D2E3) contains.

<b>Hex(66D2E3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(66D2E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66D2E3
RGB	102, 210, 227
RGB Percent	40%, 82%, 89%
CMY	0.6000, 0.1765, 0.1098
CMYK	0.55, 0.07, 0.00, 0.11
HSL	188°, 69%, 65%
HSV	188°, 55%, 89%
XYZ	42.3912, 54.4640, 80.9514
YIQ	179.6460, -69.8250, -17.6090

# Conversions

## Conversions Part 2

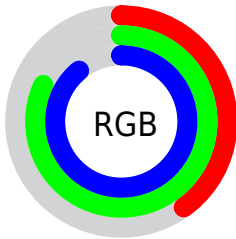
Format	Color
<a href="#">RYB</a>	102, 160, 227
Decimal	6738659
CIELab	78.73, -26.31, -17.85
CIELCh	79, 31.794, 214.161
Yxy	54.4640, 0.2384, 0.3063
Android (android.graphics.Color)	4284928739 (0xFF66D2E3)
YUV	179.6460, 23.3455, -68.0955
Hunter-Lab	73.7997, -26.6176, -13.3758

# Details

The Hex color **66D2E3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E37766**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A2FFFF**, and **1D9BAC** is the 20% darker color. If you saturate the color by 10%, you get **4FCFE3**, and if you desaturate by 10%, it is **7DD5E3**.

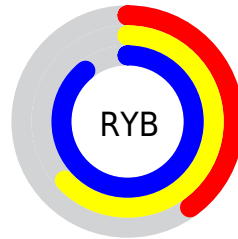
# Distribution



Red (40%)

Green (82%)

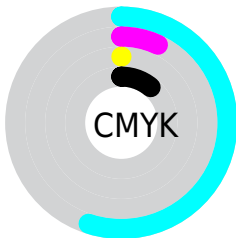
Blue (89%)



Red (40%)

Yellow (63%)

Blue (89%)

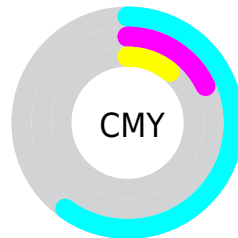


Cyan (55%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (18%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66D2E3 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 66D2E3 by changing the saturation by 10% instead.



 66D2E3

 66D2E3

FFFFFF

 46B6C7


 A2FFFF

 1D9BAC

 C0FFFF

 008191

 DEFFFF

 006877

 FCFFFF

 004F5F

 003847

 002330

 00021C

 000000

■ 66D2E3

■ 66D2E3

■ 4FCFE3

■ 7DD5E3

■ 39CCE3

■ 93D8E3

■ 22C9E3

■ AADBE3

■ 0BC6E3

■ C1DEE3

■ 00C4E3

■ D8E1E3

■ EEE5E3

■ FFE8E3

■ FFEBE3

■ FFEEE3

# Harmonies

## Analogous

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



73D3C6



66D2E3



7ACDF7

# Triad

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



66D2E3



ECB1DD



D4C288

# Complementary

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



66D2E3



E37766

# 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.



EEB88E



66D2E3



FDADC0

# Square

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



66D2E3



CDBAF4



FCB0A3



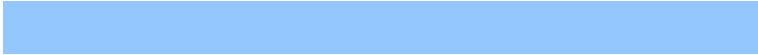
B4CB91

# Rectangle

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



66D2E3



94C7FD



FCB0A3



DDBF88

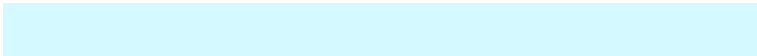


# Sweetspot

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



66D2E3



D4F9FF



66E377



667C80



000000



808080

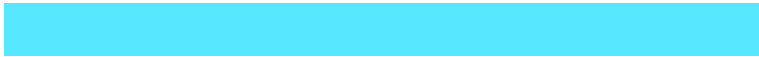


# Same Dimension

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



66D2E3



57E8FF



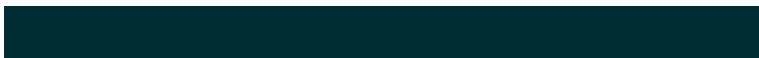
6694E3



677173



009AB3



002C33



# Inverse Universe

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



E366D2



FF57E8



E3B566



736771



B3009A

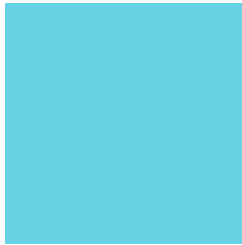


33002C



# Previews

## White Background



This preview shows how the Hex color 66D2E3 looks on a white background.

## Color Contrast Check

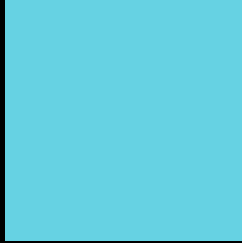
Large Text (above 18pt) WCAG AA × Fail

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 66D2E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

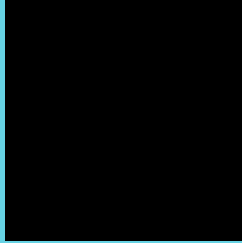
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66D2E3 Background



This preview shows how black text looks on a background with the Hex color 66D2E3.

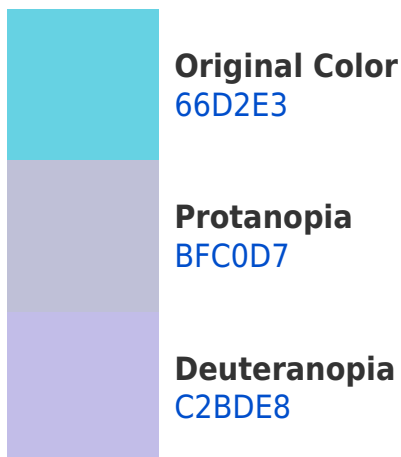


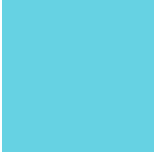
This preview shows how white text looks on a background with the Hex color 66D2E3.

# 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**  
66D2E3

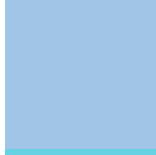
# Trichromacy



**Original Color**  
66D2E3



**Protanomaly**  
9FC7DB



**Deuteranomaly**  
A1C5E6

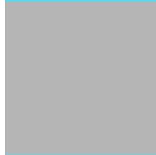


**Tritanomaly**  
66D2E3

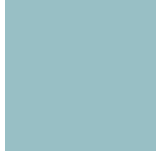
# Monochromacy



**Original Color**  
66D2E3



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
98BFC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66D2E3 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 #66D2E3 looks like.

```
.text, #text, p{  
    color:#66D2E3  
}
```

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 #66D2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D2E3  
}
```

## Border

The CSS property to change the border of an element to Hex 66D2E3 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  
#66D2E3 }
```

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

```
.border{ border-color:#66D2E3 }
```

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

Here you see how a box with a 4 pixel #66D2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D2E3; -webkit-box-shadow:4px 4px  
4px 4px #66D2E3; box-shadow:4px 4px 4px  
4px #66D2E3 }
```

# Background

The CSS property to change the background color of an element to Hex 66D2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D2E3 }
```

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

```
.background{ background-color:#66D2E3 }
```

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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