

Converting Colors

Hex(66D9E9)

Have a look what the booklet for
Hex(66D9E9) contains.

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Color

Hex(66D9E9)

Conversions

Conversions Part 1

Format	Color
Hex	66D9E9
RGB	102, 217, 233
RGB Percent	40%, 85%, 91%
CMY	0.6000, 0.1490, 0.0863
CMYK	0.56, 0.07, 0.00, 0.09
HSL	187°, 75%, 66%
HSV	187°, 56%, 91%
XYZ	45.0003, 58.3337, 85.9786
YIQ	184.4390, -73.6760, -19.4040

Conversions

Conversions Part 2

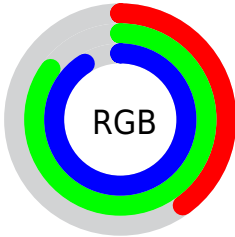
Format	Color
RYB	102, 163, 233
Decimal	6740457
CIELab	80.92, -28.08, -17.75
CIElCh	81, 33.216, 212.299
Yxy	58.3337, 0.2377, 0.3081
Android (android.graphics.Color)	4284930537 (0xFF66D9E9)
YUV	184.4390, 23.9406, -72.2990
Hunter-Lab	76.3765, -28.4883, -13.2804

Details

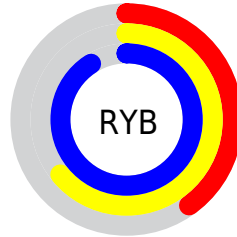
The Hex color **66D9E9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E97666**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A3FFFF**, and **19A2B1** is the 20% darker color. If you saturate the color by 10%, you get **4FD6E9**, and if you desaturate by 10%, it is **7DDCE9**.

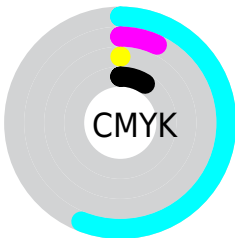
Distribution



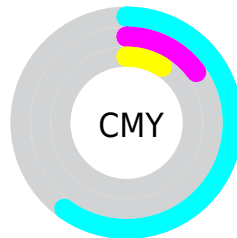
- Red (40%)
- Green (85%)
- Blue (91%)



- Red (40%)
- Yellow (64%)
- Blue (91%)



- Cyan (56%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D9E9 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 66D9E9 by changing the saturation by 10% instead.

 66D9E9

 66D9E9

FFFFFF

 45BDCD

 A3FFFF

 19A2B1

 C1FFFF

 008797

 DFFFFF

 006E7D

FEFFFF

 005564

 003D4C

 002735

 000820

 000005

■ 66D9E9

■ 66D9E9

■ 4FD6E9

■ 7DDCE9

■ 37D3E9

■ 95DFE9

■ 20D0E9

■ ACE2E9

■ 09CEE9

■ C3E4E9

■ 00CDE9

■ DBE7E9

■ F2EAE9

■ FFEDE9

■ FFF0E9

■ FFF3E9

Harmonies

Analogous

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



76DACA



66D9E9



7AD4FF

Triad

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



66D9E9



F3B6E6



DDC88B

Complementary

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



66D9E9



E97666

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.



F7BD93



66D9E9



FFB2C8

Square

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



66D9E9



D1C0FD



FFB5A9



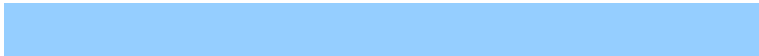
BBD194

Rectangle

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



66D9E9



95CEFF



FFB5A9



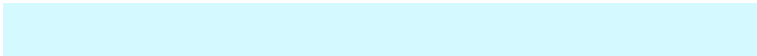
E6C48C

Sweetspot

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



66D9E9



D4FAFF



66E975



667C80



000000



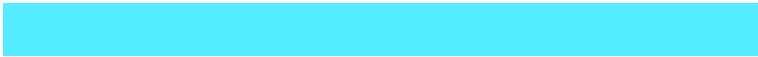
808080

Same Dimension

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



66D9E9



54EAFF



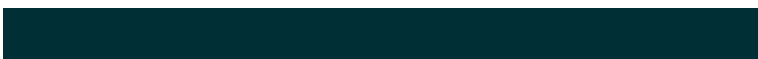
6698E9



6A7475



009FB5



002F36

Inverse Universe

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



E966D9



FF54EA



E9B766



756A74



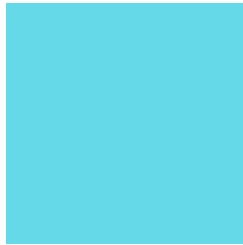
B5009F



36002F

Previews

White Background



This preview shows how the Hex color 66D9E9 looks on a white background.

Color Contrast Check

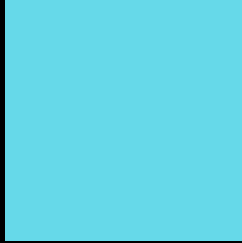
Large Text (above 18pt) WCAG AA × Fail

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 66D9E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

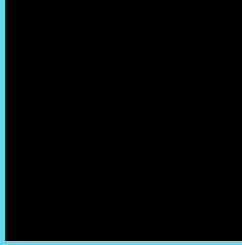
Any Text WCAG AA ✓ Pass

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 66D9E9 Background



This preview shows how black text looks on a background with the Hex color 66D9E9.

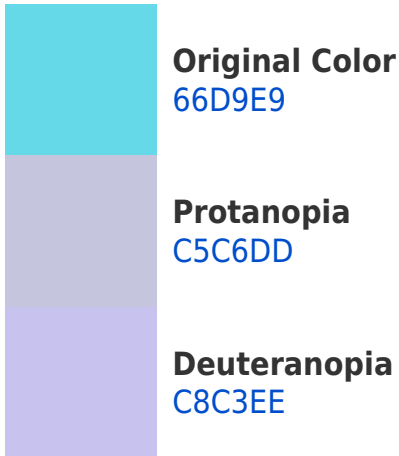


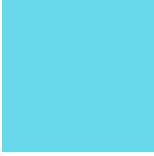
This preview shows how white text looks on a background with the Hex color 66D9E9.

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](#).

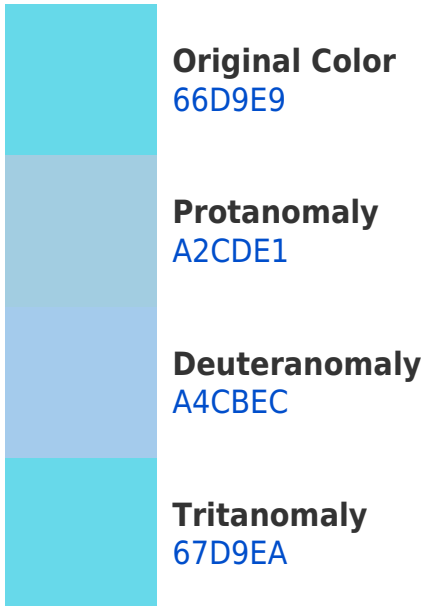
Dichromacy



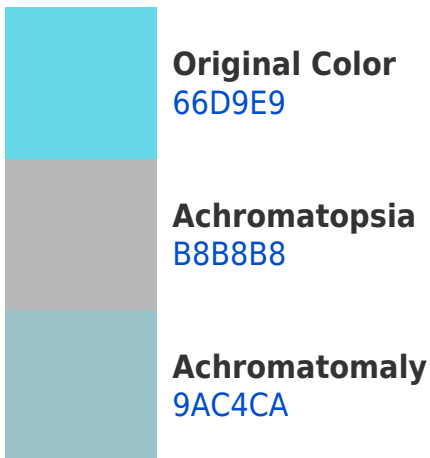


Tritanopia
67D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66D9E9 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 #66D9E9 looks like.

```
.text, #text, p{  
    color:#66D9E9  
}
```

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 #66D9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D9E9
}
```

Border

The CSS property to change the border of an element to Hex 66D9E9 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
#66D9E9 }
```

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

```
.border{ border-color:#66D9E9 }
```

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

Here you see how a box with a 4 pixel #66D9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D9E9; -webkit-box-shadow:4px 4px  
4px 4px #66D9E9; box-shadow:4px 4px 4px  
4px #66D9E9 }
```

Background

The CSS property to change the background color of an element to Hex 66D9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D9E9 }
```

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

```
.background{ background-color:#66D9E9 }
```

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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