

Converting Colors

Hex(67C9DC)

Have a look what the booklet for
Hex(67C9DC) contains.

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Color

Hex(67C9DC)

Conversions

Conversions Part 1

Format	Color
Hex	67C9DC
RGB	103, 201, 220
RGB Percent	40%, 79%, 86%
CMY	0.5961, 0.2118, 0.1373
CMYK	0.53, 0.09, 0.00, 0.14
HSL	190°, 63%, 63%
HSV	190°, 53%, 86%
XYZ	39.3984, 49.8242, 75.2507
YIQ	173.8640, -64.5070, -14.8670

Conversions

Conversions Part 2

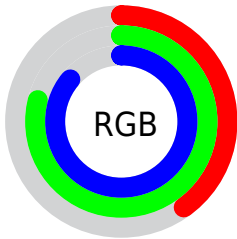
Format	Color
RYB	103, 156, 220
Decimal	6801884
CIELab	75.96, -23.58, -18.27
CIELCh	76, 29.830, 217.775
Yxy	49.8242, 0.2395, 0.3029
Android (android.graphics.Color)	4284991964 (0xFF67C9DC)
YUV	173.8640, 22.7450, -62.1477
Hunter-Lab	70.5862, -23.8943, -13.7976

Details

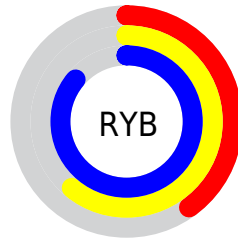
The Hex color **67C9DC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DC7A67**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A2FFFF**, and **2493A5** is the 20% darker color. If you saturate the color by 10%, you get **51C5DC**, and if you desaturate by 10%, it is **7DCDDC**.

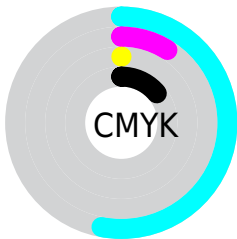
Distribution



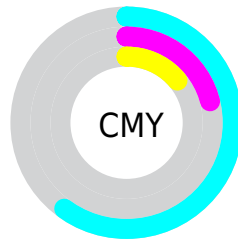
- Red (40%)
- Green (79%)
- Blue (86%)



- Red (40%)
- Yellow (61%)
- Blue (86%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (60%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67C9DC 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 67C9DC by changing the saturation by 10% instead.

67C9DC

67C9DC

FFFFFF

48AEC0

A2FFFF

2493A5

BFFFFFF

00798B

DDFFFF

006071

FBFFFF

004859

003141

001E2B

000117

000000

■ 67C9DC

■ 67C9DC

■ 51C5DC

■ 7DCDDC

■ 3BC2DC

■ 93D0DC

■ 25BEDC

■ A9D4DC

■ 0FBBCD

■ BFD7DC

■ 00B8DC

■ D5DBDC

■ EBDEDC

■ FFE2DC

■ FFE6DC

■ FFE9DC

Harmonies

Analogous

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



6FCBC2



67C9DC



7DC4ED

Triad

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



67C9DC



E5AAD1



C8BC85

Complementary

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



67C9DC



DC7A67

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.



E1B389



67C9DC



F2A7B5

Square

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



67C9DC



C9B2E7



F0AA9B



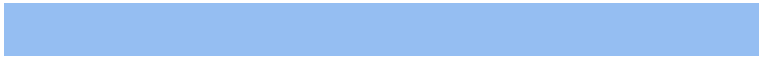
A9C48F

Rectangle

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



67C9DC



95BEF2



F0AA9B



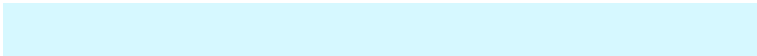
D1B984

Sweetspot

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



67C9DC



D6F8FF



67DC79



677C80



000000



808080

Same Dimension

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



67C9DC



5CE4FF



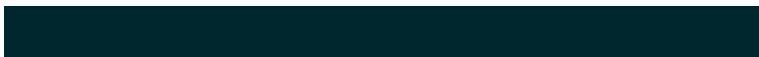
6790DC



636C6E



0091AD



00262E

Inverse Universe

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



DC67C9



FF5CE4



DCB367



6E636C



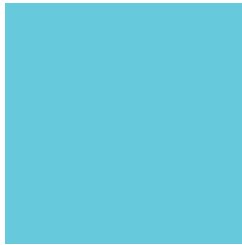
AD0091



2E0026

Previews

White Background



This preview shows how the Hex color 67C9DC looks on a white background.

Color Contrast Check

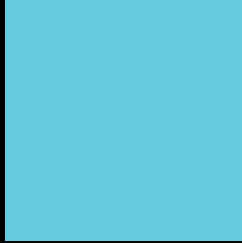
Large Text (above 18pt) WCAG AA × Fail

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 67C9DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

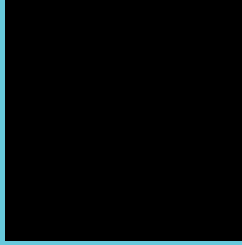
Any Text WCAG AA ✓ Pass

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 67C9DC Background



This preview shows how black text looks on a background with the Hex color 67C9DC.

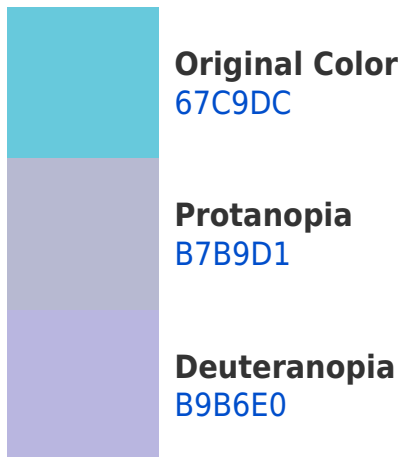


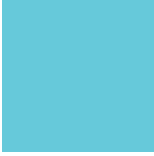
This preview shows how white text looks on a background with the Hex color 67C9DC.

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](#).

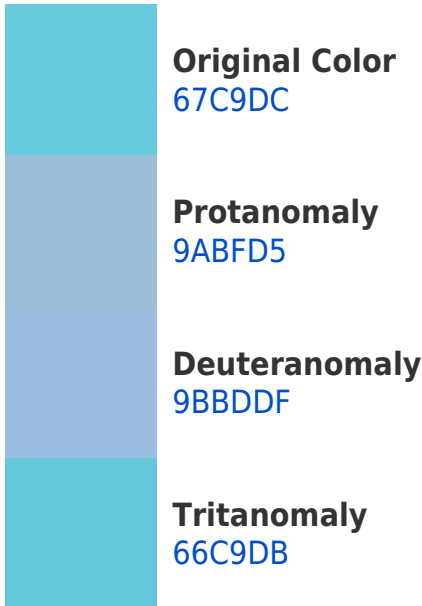
Dichromacy





Tritanopia
66C9DA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67C9DC 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 #67C9DC looks like.

```
.text, #text, p{  
    color:#67C9DC  
}
```

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 #67C9DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67C9DC
}
```

Border

The CSS property to change the border of an element to Hex 67C9DC 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
#67C9DC }
```

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

```
.border{ border-color:#67C9DC }
```

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

Here you see how a box with a 4 pixel #67C9DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67C9DC; -webkit-box-shadow:4px 4px  
4px 4px #67C9DC; box-shadow:4px 4px 4px  
4px #67C9DC }
```

Background

The CSS property to change the background color of an element to Hex 67C9DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67C9DC }
```

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

```
.background{ background-color:#67C9DC }
```

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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