

Converting Colors

Hex(67C8D7)

Have a look what the booklet for
Hex(67C8D7) contains.

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Color

Hex(67C8D7)

Conversions

Conversions Part 1

Format	Color
Hex	67C8D7
RGB	103, 200, 215
RGB Percent	40%, 78%, 84%
CMY	0.5961, 0.2157, 0.1569
CMYK	0.52, 0.07, 0.00, 0.16
HSL	188°, 58%, 62%
HSV	188°, 52%, 84%
XYZ	38.5135, 49.0984, 71.7370
YIQ	172.7070, -62.6270, -15.8990

Conversions

Conversions Part 2

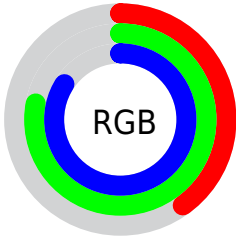
Format	Color
R _{YB}	103, 155, 215
Decimal	6801623
CIE Lab	75.51, -24.46, -16.25
CIE LCh	76, 29.363, 213.602
Yxy	49.0984, 0.2417, 0.3081
Android (android.graphics.Color)	4284991703 (0xFF67C8D7)
YUV	172.7070, 20.8504, -61.1330
Hunter-Lab	70.0703, -24.5119, -11.6512

Details

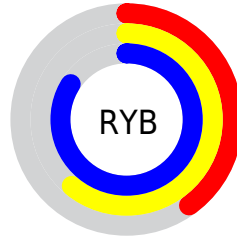
The Hex color **67C8D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D77667**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A1FFFF**, and **2592A0** is the 20% darker color. If you saturate the color by 10%, you get **52C5D7**, and if you desaturate by 10%, it is **7DCBD7**.

Distribution



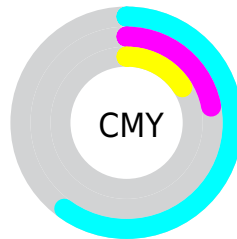
- Red (40%)
- Green (78%)
- Blue (84%)



- Red (40%)
- Yellow (61%)
- Blue (84%)



- Cyan (52%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67C8D7 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 67C8D7 by changing the saturation by 10% instead.

 67C8D7

 67C8D7

FFFFFF

 49ADBB

 A1FFFF

 2592A0

 BFFFFFF

 007886

 DCFFFF

 005F6D

 FAFFFF

 004754

 00303D

 001D27

 000113

 000000

67C8D7

67C8D7

52C5D7

7DCBD7

3CC2D7

92CED7

26BFD7

A8D1D7

11BCD7

BDD4D7

00BAD7

D3D6D7

E8D9D7

FEDCD7

FFDFD7

FFE2D7

Harmonies

Analogous

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



72C9BC



67C8D7



78C3EA

Triad

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



67C8D7



E0AAD3



CAB984

Complementary

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



67C8D7



D77667

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.



E2B08A



67C8D7



EFA6B8

Square

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



67C8D7



C2B2E7



EFA99D



ADC18C

Rectangle

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



67C8D7



8FBEEF



EFA99D



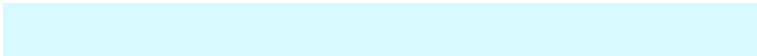
D3B684

Sweetspot

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



67C8D7



D6FAFF



67D776



677C80



000000



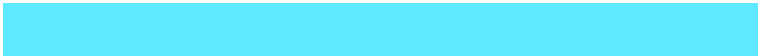
808080

Same Dimension

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



67C8D7



5EE9FF



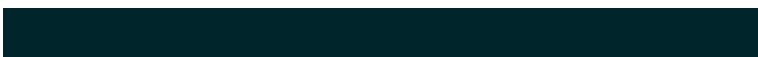
6790D7



606A6B



0094AB



00262B

Inverse Universe

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



D767C8



FF5EE9



D7AE67



6B606A



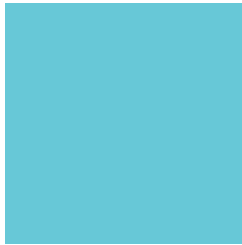
AB0094



2B0026

Previews

White Background



This preview shows how the Hex color 67C8D7 looks on a white background.

Color Contrast Check

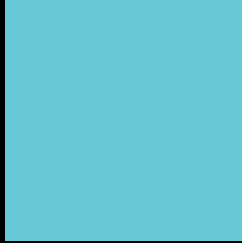
Large Text (above 18pt) WCAG AA × Fail

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 67C8D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

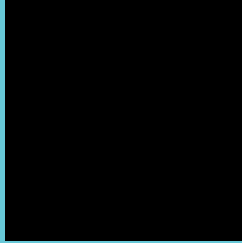
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

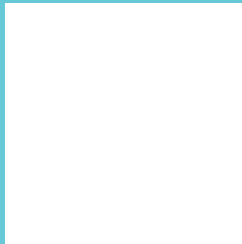
Any Text WCAG AAA ✓ Pass

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

Hex 67C8D7 Background



This preview shows how black text looks on a background with the Hex color 67C8D7.

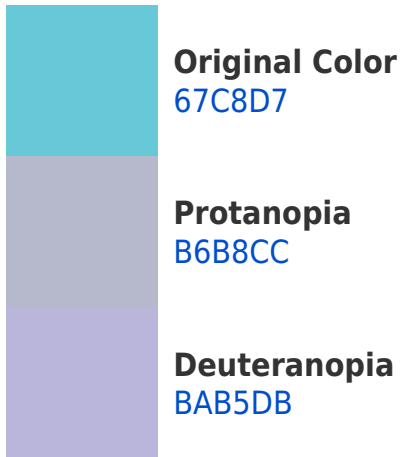


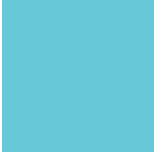
This preview shows how white text looks on a background with the Hex color 67C8D7.

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](#).

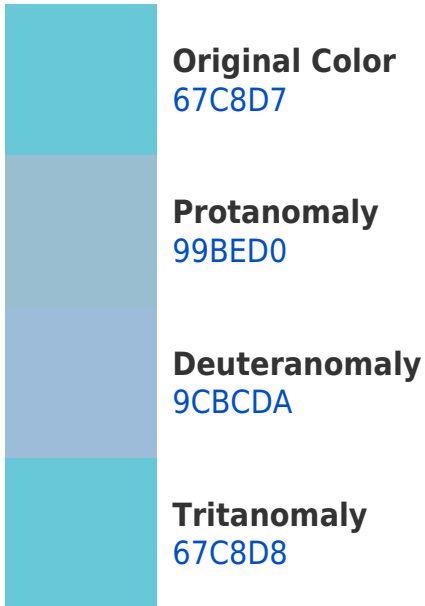
Dichromacy



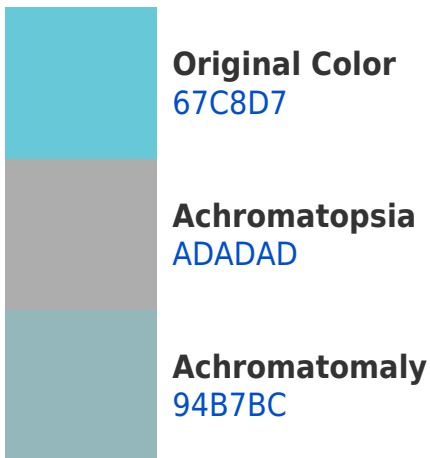


Tritanopia
67C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67C8D7 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 #67C8D7 looks like.

```
.text, #text, p{  
    color:#67C8D7  
}
```

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 #67C8D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67C8D7
}
```

Border

The CSS property to change the border of an element to Hex 67C8D7 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
#67C8D7 }
```

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

```
.border{ border-color:#67C8D7 }
```

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

Here you see how a box with a 4 pixel #67C8D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67C8D7; -webkit-box-shadow:4px 4px  
4px 4px #67C8D7; box-shadow:4px 4px 4px  
4px #67C8D7 }
```

Background

The CSS property to change the background color of an element to Hex 67C8D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67C8D7 }
```

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

```
.background{ background-color:#67C8D7 }
```

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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