

Converting Colors

Hex(68D6EE)

Have a look what the booklet for
Hex(68D6EE) contains.

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Color

Hex(68D6EE)

Conversions

Conversions Part 1

Format	Color
Hex	68D6EE
RGB	104, 214, 238
RGB Percent	41%, 84%, 93%
CMY	0.5922, 0.1608, 0.0667
CMYK	0.56, 0.10, 0.00, 0.07
HSL	191°, 80%, 67%
HSV	191°, 56%, 93%
XYZ	45.1881, 57.2092, 89.5497
YIQ	183.8460, -73.2640, -15.8560

Conversions

Conversions Part 2

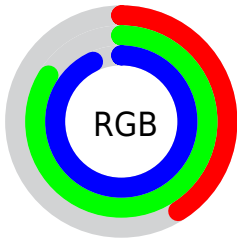
Format	Color
RYB	104, 164, 238
Decimal	6870766
CIELab	80.30, -24.83, -21.35
CIElCh	80, 32.752, 220.691
Yxy	57.2092, 0.2354, 0.2980
Android (android.graphics.Color)	4285060846 (0xFF68D6EE)
YUV	183.8460, 26.6979, -70.0249
Hunter-Lab	75.6368, -25.7221, -17.2503

Details

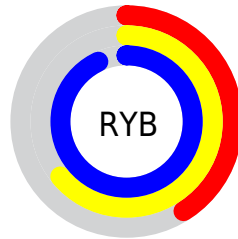
The Hex color **68D6EE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EE8068**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A5FFFF**, and **1D9FB6** is the 20% darker color. If you saturate the color by 10%, you get **50D2EE**, and if you desaturate by 10%, it is **80DAEE**.

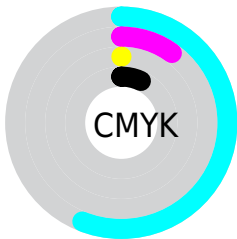
Distribution



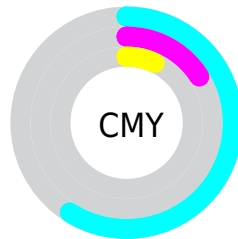
- Red (41%)
- Green (84%)
- Blue (93%)



- Red (41%)
- Yellow (64%)
- Blue (93%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (59%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68D6EE 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 68D6EE by changing the saturation by 10% instead.

 68D6EE

 68D6EE

FFFFFF

 47BAD2

 A5FFFF

 1D9FB6

 C3FFFF

 00859B

 E1FFFF

 006B81

 005368

 003B50

 002539

 000424

 00000B

■ 68D6EE

■ 68D6EE

■ 50D2EE

■ 80DAEE

■ 38CDEE

■ 98DFEE

■ 21C9EE

■ AFE3EE

■ 09C5EE

■ C7E7EE

■ 00C3EE

■ DFEBEE

■ F7F0EE

■ FFF4EE

■ FFF8EE

■ FFFCEE

Harmonies

Analogous

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



6FD8D1



68D6EE



84D0FF

Triad

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



68D6EE



F7B3DC



D2C98B

Complementary

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



68D6EE



EE8068

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.



EEBE8E



68D6EE



FFB1BD

Square

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



68D6EE



D9BCF6



FFB5A1



B0D198

Rectangle

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



68D6EE



A1CAFF



FFB5A1



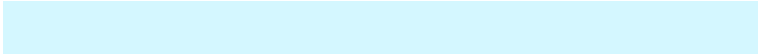
DCC58A

Sweetspot

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



68D6EE



D4F7FF



68EE7E



667B80



000000



808080

Same Dimension

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



68D6EE



52E0FF



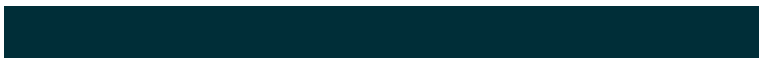
6895EE



6C7678



0097B8



002E38

Inverse Universe

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



EE68D6



FF52E0



EEC168



786C76



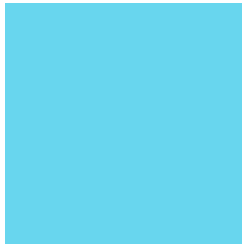
B80097



38002E

Previews

White Background



This preview shows how the Hex color 68D6EE looks on a white background.

Color Contrast Check

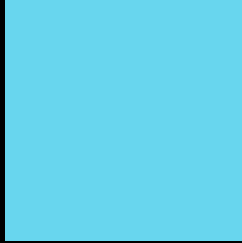
Large Text (above 18pt) WCAG AA × Fail

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 68D6EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

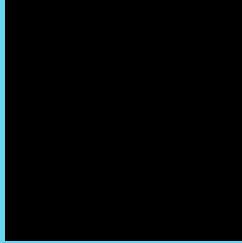
Any Text WCAG AA ✓ Pass

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 68D6EE Background



This preview shows how black text looks on a background with the Hex color 68D6EE.

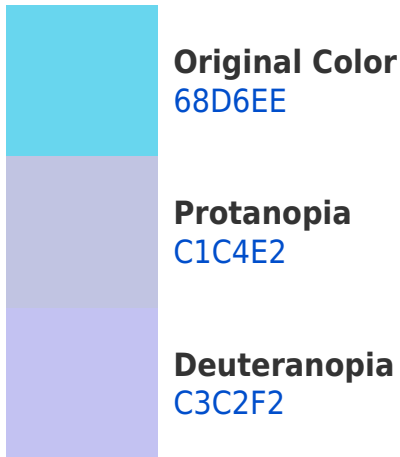


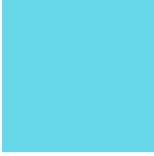
This preview shows how white text looks on a background with the Hex color 68D6EE.

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](#).

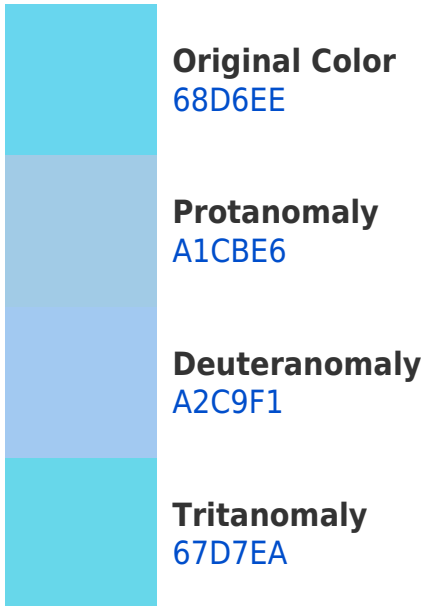
Dichromacy





Tritanopia
66D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68D6EE 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 #68D6EE looks like.

```
.text, #text, p{  
    color:#68D6EE  
}
```

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 #68D6EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D6EE
}
```

Border

The CSS property to change the border of an element to Hex 68D6EE 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
#68D6EE }
```

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

```
.border{ border-color:#68D6EE }
```

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

Here you see how a box with a 4 pixel #68D6EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D6EE; -webkit-box-shadow:4px 4px  
4px 4px #68D6EE; box-shadow:4px 4px 4px  
4px #68D6EE }
```

Background

The CSS property to change the background color of an element to Hex 68D6EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D6EE }
```

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

```
.background{ background-color:#68D6EE }
```

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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