

Converting Colors

Hex(67DDE7)

Have a look what the booklet for
Hex(67DDE7) contains.

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Color

Hex(67DDE7)

Conversions

Conversions Part 1

Format	Color
Hex	67DDE7
RGB	103, 221, 231
RGB Percent	40%, 87%, 91%
CMY	0.5961, 0.1333, 0.0941
CMYK	0.55, 0.04, 0.00, 0.09
HSL	185°, 73%, 65%
HSV	185°, 55%, 91%
XYZ	45.8738, 60.3660, 84.8353
YIQ	186.8580, -73.5380, -21.9060

Conversions

Conversions Part 2

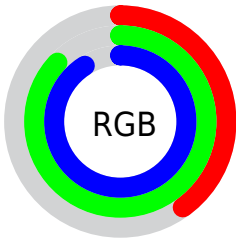
Format	Color
RYB	103, 164, 231
Decimal	6807015
CIELab	82.04, -30.37, -15.01
CIELCh	82, 33.874, 206.297
Yxy	60.3660, 0.2401, 0.3159
Android (android.graphics.Color)	4284997095 (0xFF67DDE7)
YUV	186.8580, 21.7620, -73.5435
Hunter-Lab	77.6956, -30.5755, -10.3515

Details

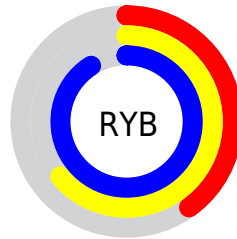
The Hex color **67DDE7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E77167**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A4FFFF**, and **1BA6AF** is the 20% darker color. If you saturate the color by 10%, you get **50DBE7**, and if you desaturate by 10%, it is **7EDFE7**.

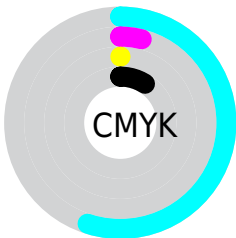
Distribution



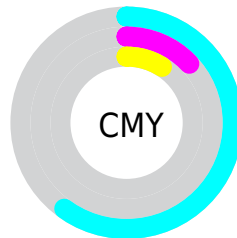
- Red (40%)
- Green (87%)
- Blue (91%)



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



- Cyan (55%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67DDE7 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 67DDE7 by changing the saturation by 10% instead.

 67DDE7

 67DDE7

FFFFFF

 46C1CB

 A4FFFF

 1BA6AF

 C2FFFF

 008B95

 E0FFFF

 00717B

 005862

 00404A

 002A34

 000F1F

 000003

67DDE7

67DDE7

50DBE7

7EDFE7

39D9E7

95E1E7

22D8E7

ACE2E7

0BD6E7

C3E4E7

00D5E7

DBE6E7

F2E8E7

FFFAE7

FFEBE7

FFEDE7

Harmonies

Analogous

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



7DDDC7



67DDE7



74D9FF

Triad

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



67DDE7



F1BBF0



E6C98D

Complementary

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



67DDE7



E77167

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.



FFBE98



67DDE7



FFB5D1

Square

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



67DDE7



CBC5FF



FFB6B1



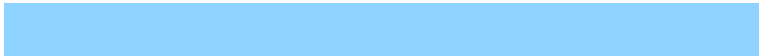
C5D392

Rectangle

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



67DDE7



8ED3FF



FFB6B1



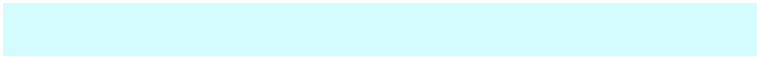
F0C58F

Sweetspot

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



67DDE7



D4FCFF



67E770



667E80



000000



808080

Same Dimension

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



67DDE7



57F2FF



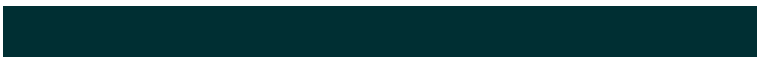
679EE7



677273



00A5B3



002F33

Inverse Universe

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



E767DD



FF57F2



E7B067



736772



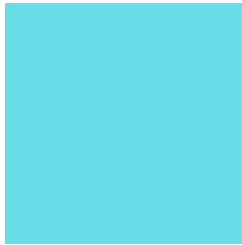
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 67DDE7 looks on a white background.

Color Contrast Check

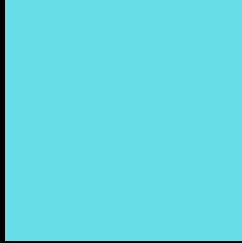
Large Text (above 18pt) WCAG AA × Fail

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 67DDE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

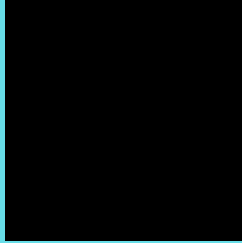
Any Text WCAG AA ✓ Pass

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 67DDE7 Background



This preview shows how black text looks on a background with the Hex color 67DDE7.

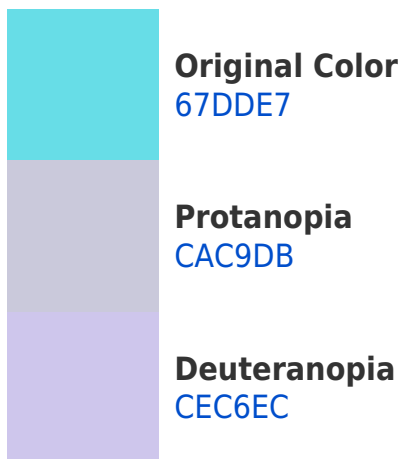


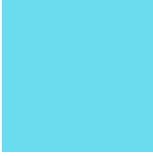
This preview shows how white text looks on a background with the Hex color 67DDE7.

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](#).

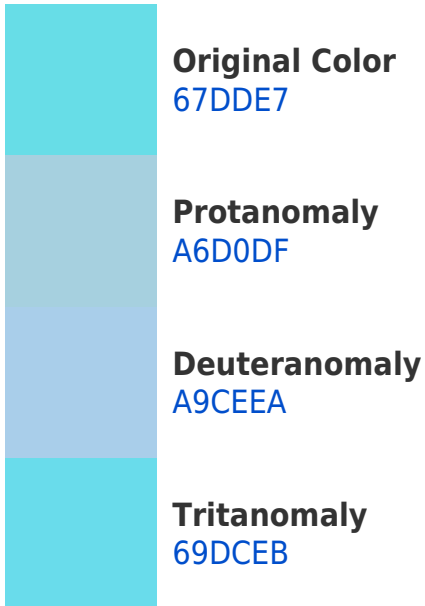
Dichromacy



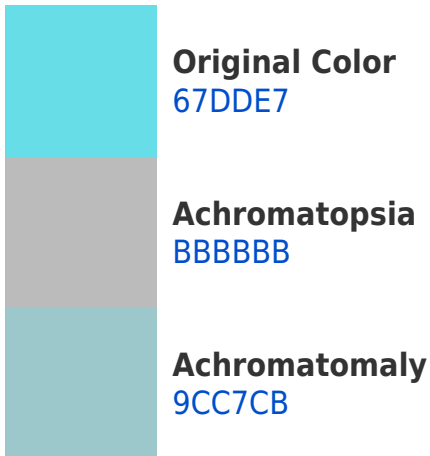


Tritanopia
6ADCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67DDE7 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 #67DDE7 looks like.

```
.text, #text, p{  
    color:#67DDE7  
}
```

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 #67DDE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67DDE7  
}
```

Border

The CSS property to change the border of an element to Hex 67DDE7 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  
#67DDE7 }
```

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

```
.border{ border-color:#67DDE7 }
```

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

Here you see how a box with a 4 pixel #67DDE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67DDE7; -webkit-box-shadow:4px 4px  
4px 4px #67DDE7; box-shadow:4px 4px 4px  
4px #67DDE7 }
```

Background

The CSS property to change the background color of an element to Hex 67DDE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67DDE7 }
```

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

```
.background{ background-color:#67DDE7 }
```

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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