

Converting Colors

Hex(67DDC1)

Have a look what the booklet for
Hex(67DDC1) contains.

Hex(67DDC1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67DDC1)

Conversions

Conversions Part 1

Format	Color
Hex	67DDC1
RGB	103, 221, 193
RGB Percent	40%, 87%, 76%
CMY	0.5961, 0.1333, 0.2431
CMYK	0.53, 0.00, 0.13, 0.13
HSL	166°, 63%, 64%
HSV	166°, 53%, 87%
XYZ	41.0756, 58.4467, 59.5685
YIQ	182.5260, -61.3400, -33.7240

Conversions

Conversions Part 2

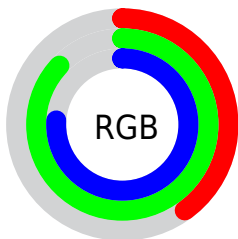
Format	Color
RYB	103, 170, 221
Decimal	6806977
CIELab	80.99, -40.02, 3.64
CIELCh	81, 40.188, 174.798
Yxy	58.4467, 0.2582, 0.3674
Android (android.graphics.Color)	4284997057 (0xFF67DDC1)
YUV	182.5260, 5.1637, -69.7443
Hunter-Lab	76.4505, -37.8831, 7.3179

Details

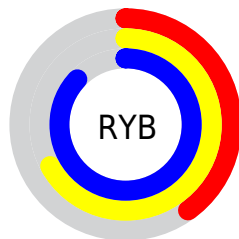
The Hex color **67DDC1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD6783**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A2FFF9**, and **23A58C** is the 20% darker color. If you saturate the color by 10%, you get **51DDBC**, and if you desaturate by 10%, it is **7DDDC6**.

Distribution



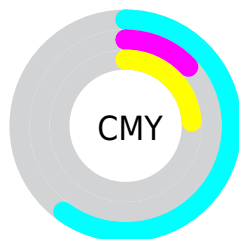
- Red (40%)
- Green (87%)
- Blue (76%)



- Red (40%)
- Yellow (67%)
- Blue (87%)



- Cyan (53%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (60%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67DDC1 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 67DDC1 by changing the saturation by 10% instead.

 67DDC1

 67DDC1

FFFFFF

 48C1A6

 A2FFF9

 23A58C

 BFFFFFF

 008A72

 DDFFFF

 00705A

 FBFFFF

 005742

 003F2C

 002918

 000700

 000000

 67DDC1

 67DDC1

 51DDBC

 7DDDC6

 3BDDB7

 93DDCB

 25DDB1

 A9DDD1

 0FDDAC

 BFDDD6

 00DDA9

 D6DDDB

 ECDDE0

 FFDDE6

 FFDDEB

 FFDDF0

Harmonies

Analogous

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



96D99D



67DDC1



3DDDE7

Triad

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



67DDC1



C4C2FF



FFB88D

Complementary

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



67DDC1



DD6783

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.



FFAEAB



67DDC1



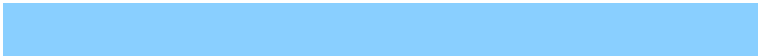
F2B5F5

Square

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



67DDC1



89CFFF



FFADD1



E8C57E

Rectangle

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



67DDC1



40DAFD



FFADD1



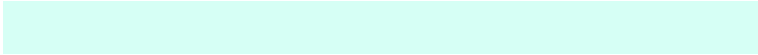
FFB496

Sweetspot

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



67DDC1



D6FFF5



85DD67



67807A



000000



808080

Same Dimension

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



67DDC1



5CFFD8



67C0DD



636E6B



00AD84



002E23

Inverse Universe

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



DD6783



FF5C83



DD8567



6E6365



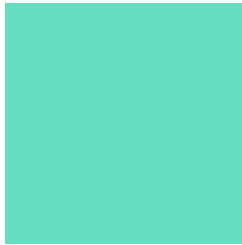
AD0029



2E000B

Previews

White Background



This preview shows how the Hex color 67DDC1 looks on a white background.

Color Contrast Check

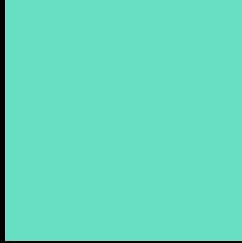
Large Text (above 18pt) WCAG AA × Fail

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 67DDC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

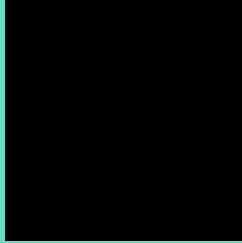
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

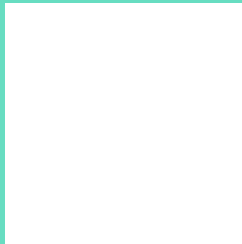
Any Text WCAG AAA ✓ Pass

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

Hex 67DDC1 Background



This preview shows how black text looks on a background with the Hex color 67DDC1.

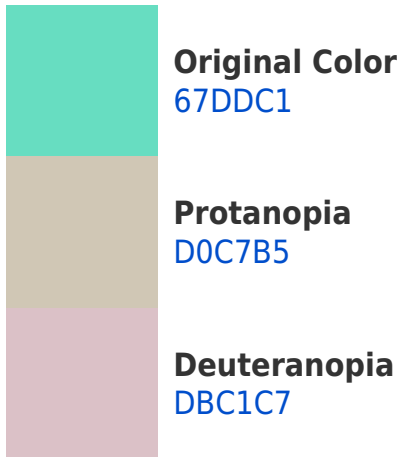


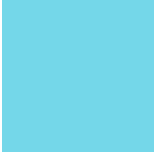
This preview shows how white text looks on a background with the Hex color 67DDC1.

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
74D7E9

Trichromacy



Original Color
67DDC1



Protanomaly
AACFB9



Deuteranomaly
B1CBC5

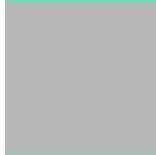


Tritanomaly
6FD9DA

Monochromacy



Original Color
67DDC1



Achromatopsia
B7B7B7



Achromatomaly
9AC5BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 67DDC1 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 #67DDC1 looks like.

```
.text, #text, p{  
  color:#67DDC1  
}
```

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 #67DDC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67DDC1
}
```

Border

The CSS property to change the border of an element to Hex 67DDC1 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
#67DDC1 }
```

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

```
.border{ border-color:#67DDC1 }
```

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

Here you see how a box with a 4 pixel #67DDC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67DDC1; -webkit-box-shadow:4px 4px  
4px 4px #67DDC1; box-shadow:4px 4px 4px  
4px #67DDC1 }
```

Background

The CSS property to change the background color of an element to Hex 67DDC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67DDC1 }
```

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

```
.background{ background-color:#67DDC1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor