

Converting Colors

Hex(6DC3D7)

Have a look what the booklet for
Hex(6DC3D7) contains.

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Color

Hex(6DC3D7)

Conversions

Conversions Part 1

Format	Color
Hex	6DC3D7
RGB	109, 195, 215
RGB Percent	43%, 76%, 84%
CMY	0.5725, 0.2353, 0.1569
CMYK	0.49, 0.09, 0.00, 0.16
HSL	191°, 57%, 64%
HSV	191°, 49%, 84%
XYZ	38.0875, 47.1877, 71.3907
YIQ	171.5660, -57.6760, -12.0120

Conversions

Conversions Part 2

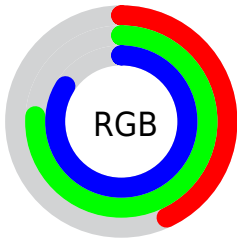
Format	Color
R _{YB}	109, 156, 215
Decimal	7193559
CIE _{Lab}	74.31, -20.64, -18.04
CIE _{LCh}	74, 27.415, 221.158
Y _{xy}	47.1877, 0.2431, 0.3012
Android (android.graphics.Color)	4285383639 (0xFF6DC3D7)
YUV	171.5660, 21.4130, -54.8704
Hunter-Lab	68.6933, -21.2427, -13.5328

Details

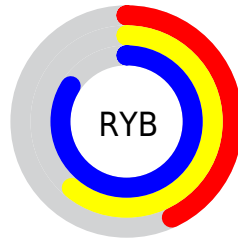
The Hex color **6DC3D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D7816D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A7FCFF**, and **308DA0** is the 20% darker color. If you saturate the color by 10%, you get **57BFD7**, and if you desaturate by 10%, it is **83C7D7**.

Distribution



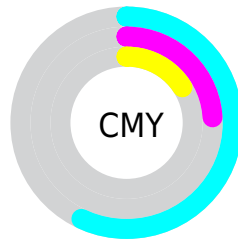
- Red (43%)
- Green (76%)
- Blue (84%)



- Red (43%)
- Yellow (61%)
- Blue (84%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (57%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC3D7 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 6DC3D7 by changing the saturation by 10% instead.

 6DC3D7

 6DC3D7

FFFFFF

 50A8BB

 A7FCFF

 308DA0

 C4FFFF

 007386

 E1FFFF

 005B6D

 004354

 002C3D

 001927

 000112

 000000

6DC3D7

6DC3D7

57BFD7

83C7D7

42BBD7

98CBD7

2DB7D7

AECFD7

17B3D7

C3D3D7

01AFD7

D9D7D7

00AED7

EEDBD7

FFDFD7

FFE3D7

FFE8D7

Harmonies

Analogous

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



71C5C0



6DC3D7



82BEE6

Triad

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



6DC3D7



DFA6C8



C0B885

Complementary

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



6DC3D7



D7816D

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.



D7B088



6DC3D7



EAA4AE

Square

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



6DC3D7



C6ADDD



E6A897



A3BF90

Rectangle

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



6DC3D7



99B9E9



E6A897



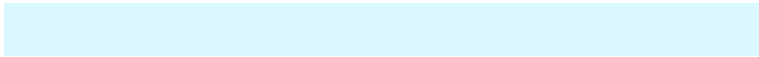
C8B584

Sweetspot

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



6DC3D7



D9F8FF



6DD780



697B80



000000



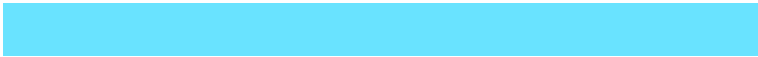
808080

Same Dimension

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



6DC3D7



69E3FF



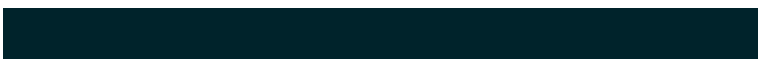
6D8FD7



60696B



008BAB



00232B

Inverse Universe

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



D76DC3



FF69E3



D7B56D



6B6069



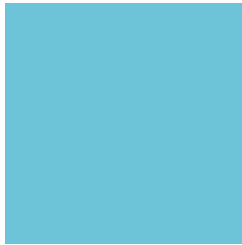
AB008B



2B0023

Previews

White Background



This preview shows how the Hex color 6DC3D7 looks on a white background.

Color Contrast Check

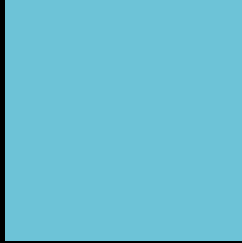
Large Text (above 18pt) WCAG AA × Fail

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 6DC3D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

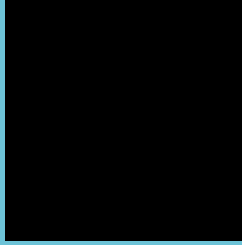
Any Text WCAG AA ✓ Pass

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 6DC3D7 Background



This preview shows how black text looks on a background with the Hex color 6DC3D7.

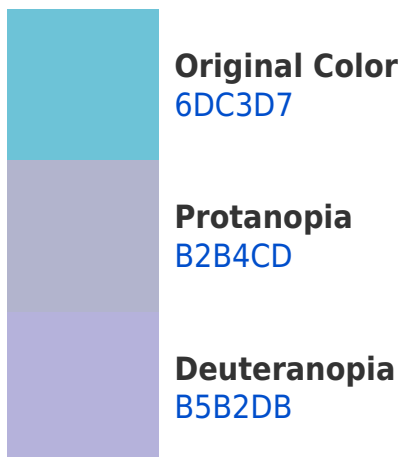


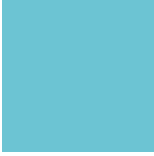
This preview shows how white text looks on a background with the Hex color 6DC3D7.

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](#).

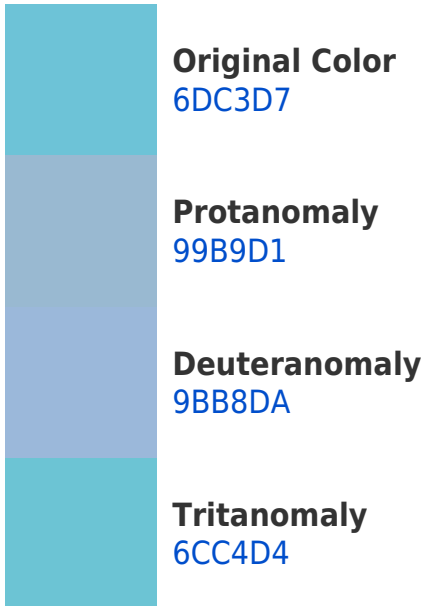
Dichromacy



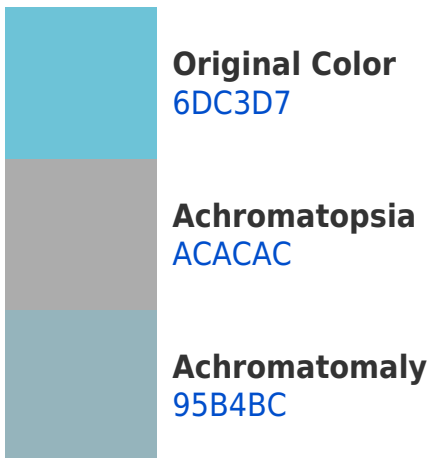


Tritanopia
6CC4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC3D7 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 #6DC3D7 looks like.

```
.text, #text, p{  
    color:#6DC3D7  
}
```

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 #6DC3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC3D7
}
```

Border

The CSS property to change the border of an element to Hex 6DC3D7 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
#6DC3D7 }
```

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

```
.border{ border-color:#6DC3D7 }
```

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

Here you see how a box with a 4 pixel #6DC3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC3D7; -webkit-box-shadow:4px 4px  
4px 4px #6DC3D7; box-shadow:4px 4px 4px  
4px #6DC3D7 }
```

Background

The CSS property to change the background color of an element to Hex 6DC3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC3D7 }
```

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

```
.background{ background-color:#6DC3D7 }
```

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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