

Converting Colors

Hex(6DC0CC)

Have a look what the booklet for
Hex(6DC0CC) contains.

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Color

Hex(6DC0CC)

Conversions

Conversions Part 1

Format	Color
Hex	6DC0CC
RGB	109, 192, 204
RGB Percent	43%, 75%, 80%
CMY	0.5725, 0.2471, 0.2000
CMYK	0.47, 0.06, 0.00, 0.20
HSL	188°, 48%, 61%
HSV	188°, 47%, 80%
XYZ	36.0554, 45.3101, 63.9721
YIQ	168.5510, -53.3200, -13.8640

Conversions

Conversions Part 2

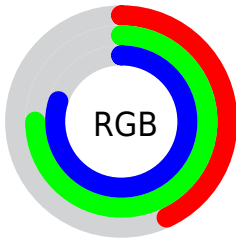
Format	Color
R _{YB}	109, 153, 204
Decimal	7192780
CIE Lab	73.10, -22.08, -13.90
CIE LCh	73, 26.092, 212.181
Yxy	45.3101, 0.2481, 0.3118
Android (android.graphics.Color)	4285382860 (0xFF6DC0CC)
YUV	168.5510, 17.4764, -52.2262
Hunter-Lab	67.3128, -22.1857, -9.2286

Details

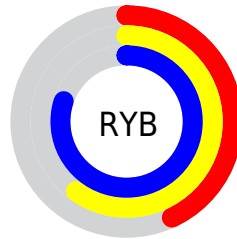
The Hex color **6DC0CC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC796D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A6F9FF**, and **328A96** is the 20% darker color. If you saturate the color by 10%, you get **59BDCC**, and if you desaturate by 10%, it is **81C3CC**.

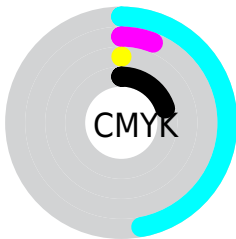
Distribution



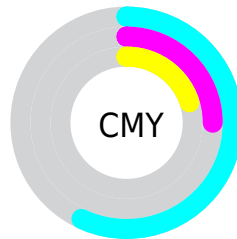
- Red (43%)
- Green (75%)
- Blue (80%)



- Red (43%)
- Yellow (60%)
- Blue (80%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC0CC 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 6DC0CC by changing the saturation by 10% instead.

 6DC0CC

 6DC0CC

FFFFFF

 50A5B1

 A6F9FF

 328A96

 C3FFFF

 05717C

 E0FFFF

 005863

 FDFFFF

 00404B

 002A35

 00141F

 000005

 000000

 6DC0CC

 6DC0CC

 59BDCC

 81C3CC

 44BBCC

 96C5CC

 30B8CC

 AAC8CC

 1BB6CC

 BFCACC

 07B3CC

 D3CDCC

 00B2CC

 E7CFCC

 FCD2CC

 FFD5CC

 FFD7CC

Harmonies

Analogous

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



77C1B4



6DC0CC



7ABCDD

Triad

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



6DC0CC



D4A5CA



C3B284

Complementary

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



6DC0CC



CC796D

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.



D8AA8A



6DC0CC



E2A2B3

Square

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



6DC0CC



BAADDC



E3A49B



A9BA8B

Rectangle

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



6DC0CC



8EB8E2



E3A49B



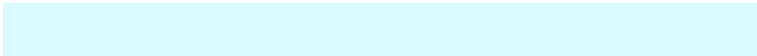
CBB084

Sweetspot

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



6DC0CC



DBFAFF



6DCC78



6A7D80



000000



808080

Same Dimension

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



6DC0CC



70EDFF



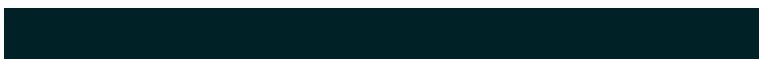
6D91CC



5C6566



0091A6



002126

Inverse Universe

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



CC6DC0



FF70ED



CCA86D



665C65



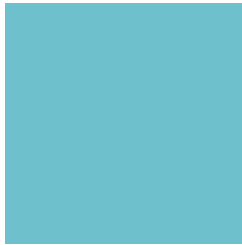
A60091



260021

Previews

White Background



This preview shows how the Hex color 6DC0CC looks on a white background.

Color Contrast Check

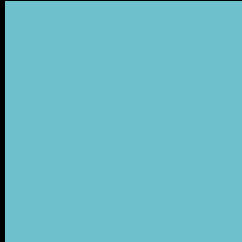
Large Text (above 18pt) WCAG AA × Fail

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 6DC0CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

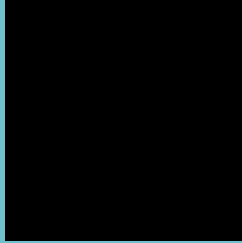
Any Text WCAG AA ✓ Pass

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 6DC0CC Background



This preview shows how black text looks on a background with the Hex color 6DC0CC.

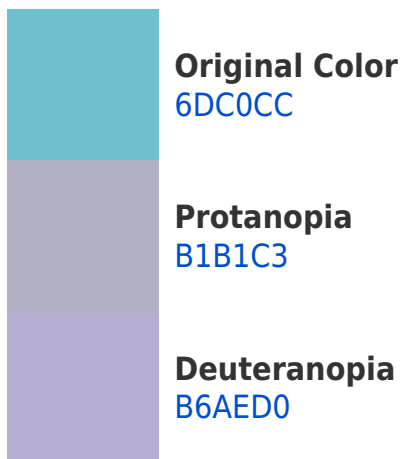


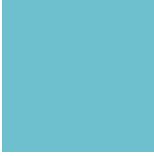
This preview shows how white text looks on a background with the Hex color 6DC0CC.

Color Blindness Simulation

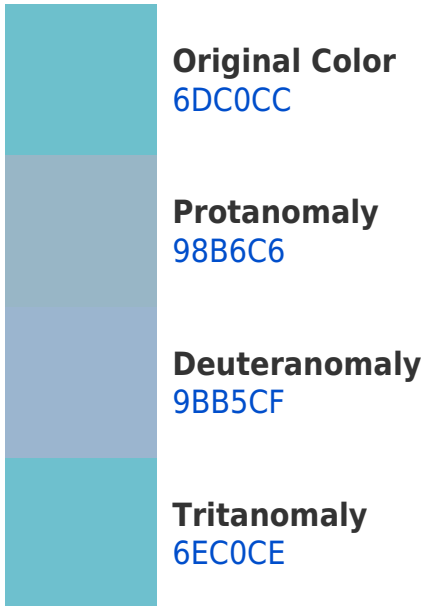
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

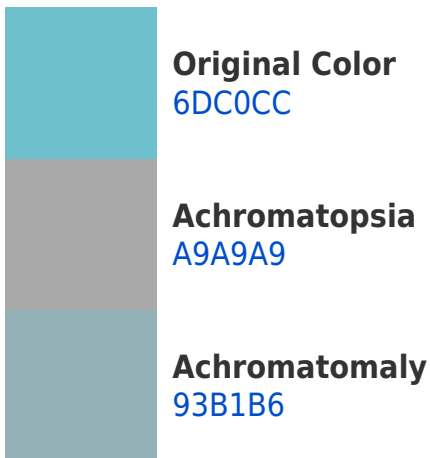




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC0CC 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 #6DC0CC looks like.

```
.text, #text, p{  
    color:#6DC0CC  
}
```

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 #6DC0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC0CC  
}
```

Border

The CSS property to change the border of an element to Hex 6DC0CC 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  
#6DC0CC }
```

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

```
.border{ border-color:#6DC0CC }
```

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

Here you see how a box with a 4 pixel #6DC0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC0CC; -webkit-box-shadow:4px 4px  
4px 4px #6DC0CC; box-shadow:4px 4px 4px  
4px #6DC0CC }
```

Background

The CSS property to change the background color of an element to Hex 6DC0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC0CC }
```

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

```
.background{ background-color:#6DC0CC }
```

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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