

Converting Colors

Hex(6DC7D2)

Have a look what the booklet for
Hex(6DC7D2) contains.

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Color

Hex(6DC7D2)

Conversions

Conversions Part 1

Format	Color
Hex	6DC7D2
RGB	109, 199, 210
RGB Percent	43%, 78%, 82%
CMY	0.5725, 0.2196, 0.1765
CMYK	0.48, 0.05, 0.00, 0.18
HSL	187°, 53%, 63%
HSV	187°, 48%, 82%
XYZ	38.3630, 48.7512, 68.3607
YIQ	173.3440, -57.1710, -15.6590

Conversions

Conversions Part 2

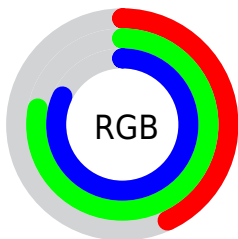
Format	Color
RYB	109, 157, 210
Decimal	7194578
CIELab	75.30, -24.01, -13.85
CIElCh	75, 27.715, 209.979
Yxy	48.7512, 0.2467, 0.3136
Android (android.graphics.Color)	4285384658 (0xFF6DC7D2)
YUV	173.3440, 18.0714, -56.4297
Hunter-Lab	69.8221, -24.1138, -9.1737

Details

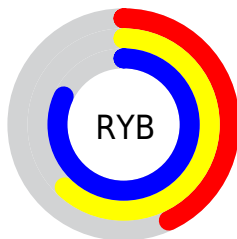
The Hex color **6DC7D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D2786D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A6FFFF**, and **30919C** is the 20% darker color. If you saturate the color by 10%, you get **58C5D2**, and if you desaturate by 10%, it is **82C9D2**.

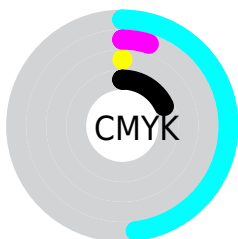
Distribution



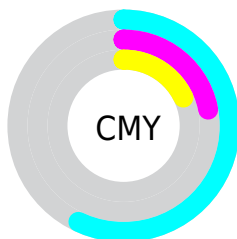
- Red (43%)
- Green (78%)
- Blue (82%)



- Red (43%)
- Yellow (62%)
- Blue (82%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (57%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC7D2 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 6DC7D2 by changing the saturation by 10% instead.

 6DC7D2

 6DC7D2

FFFFFF

 50ACB6

 A6FFFF

 30919C

 C3FFFF

 007782

 E1FFFF

 005E68

 004650

 002F39

 001C24

 00010E

 000000

6DC7D2

6DC7D2

58C5D2

82C9D2

43C2D2

97CCD2

2EC0D2

ACCED2

19BED2

C1D0D2

04BCD2

D6D2D2

00BBD2

EBD5D2

FFD7D2

FFD9D2

FFDCD2

Harmonies

Analogous

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



79C8B9



6DC7D2



7AC3E5

Triad

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



6DC7D2



DAABD3



CCB886

Complementary

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



6DC7D2



D2786D

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.



E1AF8E



6DC7D2



EBA7BA

Square

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



6DC7D2



BDB3E6



EDA9A1



B1C08D

Rectangle

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



6DC7D2



8EBEEB



EDA9A1



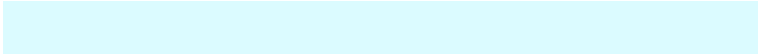
D4B587

Sweetspot

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



6DC7D2



DBFBFF



6DD277



6A7D80



000000



808080

Same Dimension

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



6DC7D2



6BEFFF



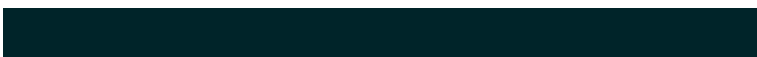
6D95D2



5E6769



0096A8



002429

Inverse Universe

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



D26DC7



FF6BEF



D2AA6D



695E67



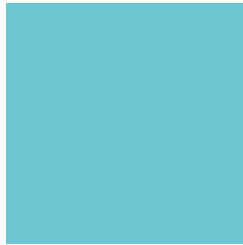
A80096



290024

Previews

White Background



This preview shows how the Hex color 6DC7D2 looks on a white background.

Color Contrast Check

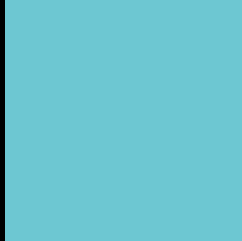
Large Text (above 18pt) WCAG AA × Fail

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 6DC7D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

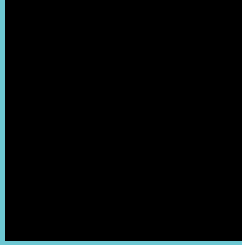
Any Text WCAG AA ✓ Pass

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 6DC7D2 Background



This preview shows how black text looks on a background with the Hex color 6DC7D2.



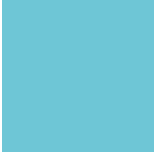
This preview shows how white text looks on a background with the Hex color 6DC7D2.

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](#).

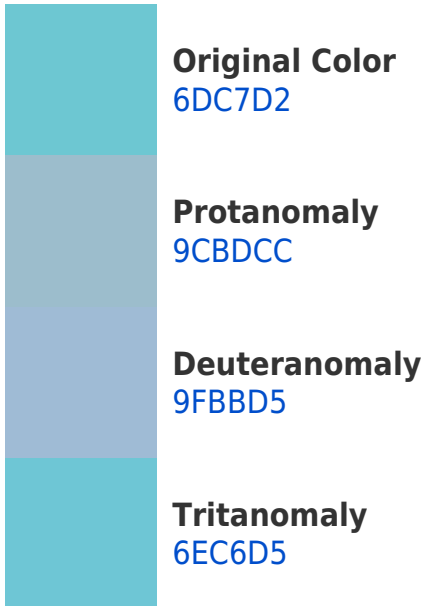
Dichromacy



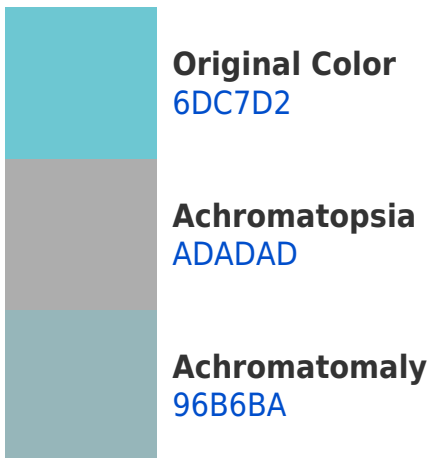


Tritanopia
6EC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC7D2 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 #6DC7D2 looks like.

```
.text, #text, p{  
    color:#6DC7D2  
}
```

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 #6DC7D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC7D2
}
```

Border

The CSS property to change the border of an element to Hex 6DC7D2 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
#6DC7D2 }
```

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

```
.border{ border-color:#6DC7D2 }
```

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

Here you see how a box with a 4 pixel #6DC7D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC7D2; -webkit-box-shadow:4px 4px  
4px 4px #6DC7D2; box-shadow:4px 4px 4px  
4px #6DC7D2 }
```

Background

The CSS property to change the background color of an element to Hex 6DC7D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC7D2 }
```

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

```
.background{ background-color:#6DC7D2 }
```

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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