

Converting Colors

Hex(6CDDDD)

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

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Color

Hex(6CDDDD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6CDDDD |
| RGB | 108, 221, 221 |
| RGB Percent | 42%, 87%, 87% |
| CMY | 0.5765, 0.1333, 0.1333 |
| CMYK | 0.51, 0.00, 0.00, 0.13 |
| HSL | 180°, 62%, 65% |
| HSV | 180°, 51%, 87% |
| XYZ | 45.0919, 60.1215, 77.6346 |
| YIQ | 187.2130, -67.3480, -23.9560 |

Conversions

Conversions Part 2

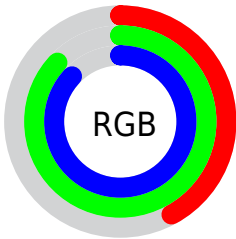
| Format | Color |
|-------------------------------------|---|
| RYB | 108, 165, 221 |
| Decimal | 7134685 |
| CIELab | 81.90, -32.04, -9.87 |
| CIELCh | 82, 33.525, 197.129 |
| Yxy | 60.1215, 0.2466, 0.3288 |
| Android (android.graphics.Color) | 4285324765 (0xFF6CDDDD) |
| YUV | 187.2130, 16.6570, -69.4698 |
| Hunter-Lab | 77.5381, -31.8857, -5.0872 |

Details

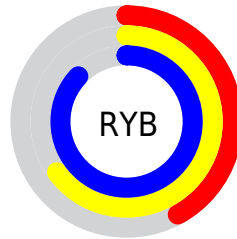
The Hex color **6CDDDD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DD6C6C**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A7FFFF**, and **28A5A6** is the 20% darker color. If you saturate the color by 10%, you get **56DDDD**, and if you desaturate by 10%, it is **82DDDD**.

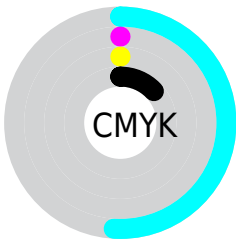
Distribution



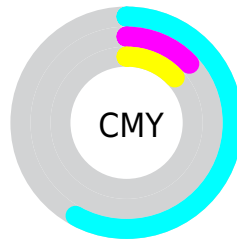
- Red (42%)
- Green (87%)
- Blue (87%)



- Red (42%)
- Yellow (65%)
- Blue (87%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 6CDDDD

 6CDDDD

FFFFFF

 4DC1C1

 A7FFFF

 28A5A6

 C5FFFF

 008B8C

 E3FFFF

 007172

 00585A

 004042

 00292C

 000E18

 000000

 6CDDDD

 6CDDDD

 56DDDD

 82DDDD

 40DDDD

 98DDDD

 2ADDDD

 AEDDDD

 14DDDD

 C4DDDD

 00DDDD

 DBDDDD

 F1DDDD

 FFDDDD

Harmonies

Analogous

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



88DCBD



6CDDDD



6DDAF9

Triad

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



6CDDDD



E6BDF7



EEC58F

Complementary

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



6CDDDD



DD6C6C

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.



FFBB9F



6CDDDD



FFB6DB

Square

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



6CDDDD



BDC8FF



FFB5BB



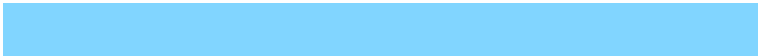
CFCF8F

Rectangle

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



6CDDDD



81D5FF



FFB5BB



F7C192

Sweetspot

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



6CDDDD



D9FFFF



6CDD6C



698080



000000



808080

Same Dimension

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



6CDDDD



63FFFF



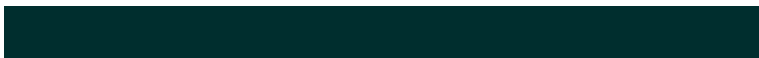
6CA5DD



636E6E



00ADAD



002E2E

Inverse Universe

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



DD6CDD



FF63FF



DDA56C



6E636E



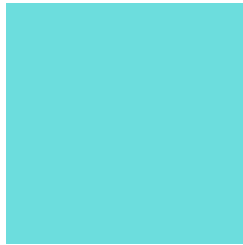
AD00AD



2E002E

Previews

White Background



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

Color Contrast Check

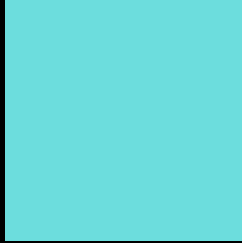
Large Text (above 18pt) WCAG AA × Fail

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 6CDDDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

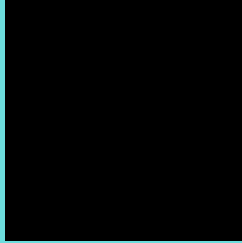
Any Text WCAG AA ✓ Pass

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 6CDDDD Background



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

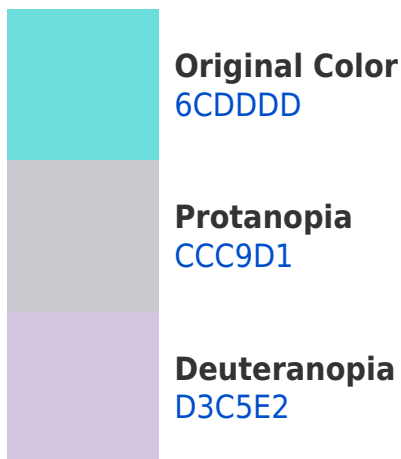


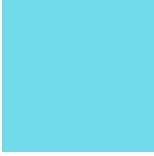
This preview shows how white text looks on a background with the Hex color 6CDDDD.

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
71DBEC

Trichromacy



Original Color
6CDDDD



Protanomaly
A9D0D5



Deuteranomaly
AECEEO

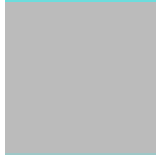


Tritanomaly
6FDCE7

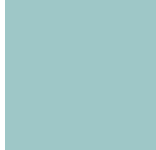
Monochromacy



Original Color
6CDDDD



Achromatopsia
BBBBBB



Achromatomaly
9EC7C7

CSS Examples

Text

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

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

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 #6CDDDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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