

Converting Colors

Hex(64D6D6)

Have a look what the booklet for
Hex(64D6D6) contains.

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Color

Hex(64D6D6)

Conversions

Conversions Part 1

Format	Color
Hex	64D6D6
RGB	100, 214, 214
RGB Percent	39%, 84%, 84%
CMY	0.6078, 0.1608, 0.1608
CMYK	0.53, 0.00, 0.00, 0.16
HSL	180°, 58%, 62%
HSV	180°, 53%, 84%
XYZ	41.4397, 55.6575, 72.1772
YIQ	179.9140, -67.9440, -24.1680

Conversions

Conversions Part 2

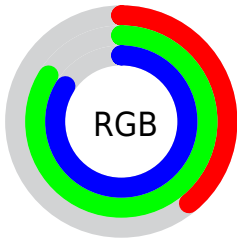
Format	Color
RYB	100, 157, 214
Decimal	6608598
CIELab	79.42, -32.15, -9.87
CIELCh	79, 33.631, 197.068
Yxy	55.6575, 0.2448, 0.3288
Android (android.graphics.Color)	4284798678 (0xFF64D6D6)
YUV	179.9140, 16.8044, -70.0846
Hunter-Lab	74.6040, -31.4069, -5.1386

Details

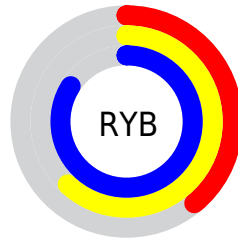
The Hex color **64D6D6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D66464**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A0FFFF**, and **1B9F9F** is the 20% darker color. If you saturate the color by 10%, you get **4FD6D6**, and if you desaturate by 10%, it is **79D6D6**.

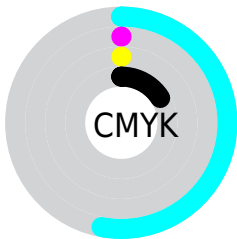
Distribution



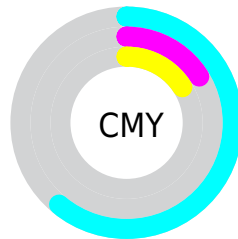
- Red (39%)
- Green (84%)
- Blue (84%)



- Red (39%)
- Yellow (62%)
- Blue (84%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (61%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64D6D6 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 64D6D6 by changing the saturation by 10% instead.

 64D6D6

 64D6D6

FFFFFF

 44BABA

 A0FFFF

 1B9F9F

 BDFFFF

 008485

 DBFFFF


 006B6C

 FAFFFF

 005254

 003A3D

 002527

 000113

 000000

 64D6D6

 64D6D6

 4FD6D6

 79D6D6

 39D6D6

 8FD6D6

 24D6D6

 A4D6D6

 0ED6D6

 BAD6D6

 00D6D6

 CFD6D6

 E4D6D6

 FAD6D6

 FFD6D6

Harmonies

Analogous

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



81D5B6



64D6D6



65D3F2

Triad

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



64D6D6



DFB7F0



E7BE88

Complementary

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



64D6D6



D66464

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.



FCB498



64D6D6



FAAFD4

Square

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



64D6D6



B6C2FF



FFAEB4



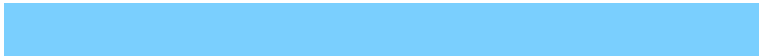
C9C888

Rectangle

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



64D6D6



7ACFFE



FFAEB4



EFBB8C

Sweetspot

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



64D6D6



D6FFFF



64D664



678080



000000



808080

Same Dimension

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



64D6D6



5CFFFF



649DD6



606B6B



00ABAB



002B2B

Inverse Universe

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



D664D6



FF5CFF



D69D64



6B606B



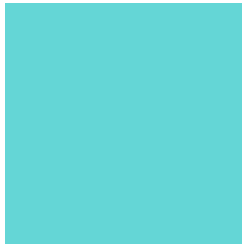
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 64D6D6 looks on a white background.

Color Contrast Check

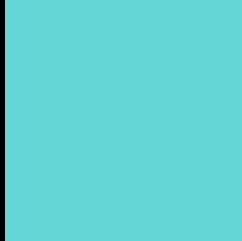
Large Text (above 18pt) WCAG AA × Fail

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 64D6D6 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 64D6D6 Background



This preview shows how black text looks on a background with the Hex color 64D6D6.

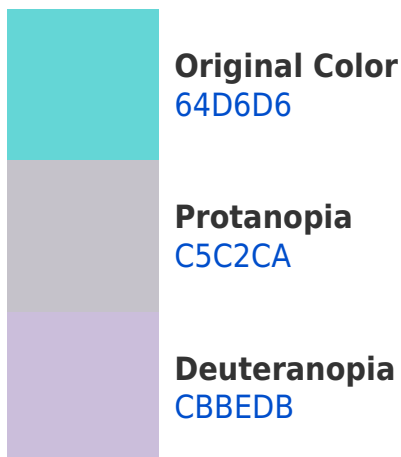


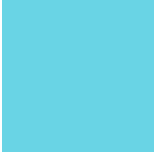
This preview shows how white text looks on a background with the Hex color 64D6D6.

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
69D4E5

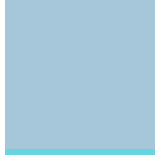
Trichromacy



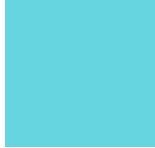
Original Color
64D6D6



Protanomaly
A2C9CE



Deuteranomaly
A6C7D9

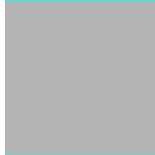


Tritanomaly
67D5E0

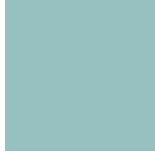
Monochromacy



Original Color
64D6D6



Achromatopsia
B4B4B4



Achromatomaly
97C0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 64D6D6 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 #64D6D6 looks like.

```
.text, #text, p{  
    color:#64D6D6  
}
```

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 #64D6D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64D6D6
}
```

Border

The CSS property to change the border of an element to Hex 64D6D6 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
#64D6D6 }
```

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

```
.border{ border-color:#64D6D6 }
```

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

Here you see how a box with a 4 pixel #64D6D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64D6D6; -webkit-box-shadow:4px 4px  
4px 4px #64D6D6; box-shadow:4px 4px 4px  
4px #64D6D6 }
```

Background

The CSS property to change the background color of an element to Hex 64D6D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64D6D6 }
```

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

```
.background{ background-color:#64D6D6 }
```

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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