

Converting Colors

Hex(63D0D9)

Have a look what the booklet for
Hex(63D0D9) contains.

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Color

Hex(63D0D9)

Conversions

Conversions Part 1

Format	Color
Hex	63D0D9
RGB	99, 208, 217
RGB Percent	39%, 82%, 85%
CMY	0.6118, 0.1843, 0.1490
CMYK	0.54, 0.04, 0.00, 0.15
HSL	185°, 61%, 62%
HSV	185°, 54%, 85%
XYZ	40.2259, 52.7742, 73.7119
YIQ	176.4350, -67.8530, -20.3090

Conversions

Conversions Part 2

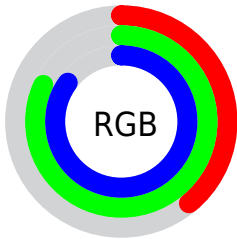
Format	Color
RYB	99, 156, 217
Decimal	6541529
CIELab	77.74, -28.66, -13.99
CIELCh	78, 31.892, 206.018
Yxy	52.7742, 0.2413, 0.3166
Android (android.graphics.Color)	4284731609 (0xFF63D0D9)
YUV	176.4350, 19.9985, -67.9105
Hunter-Lab	72.6458, -28.2902, -9.3080

Details

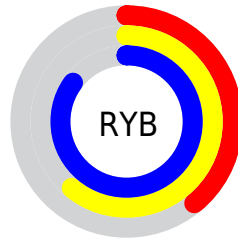
The Hex color **63D0D9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D96C63**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9FFFFFF**, and **1A99A2** is the 20% darker color. If you saturate the color by 10%, you get **4DCED9**, and if you desaturate by 10%, it is **79D2D9**.

Distribution



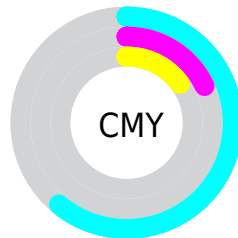
- Red (39%)
- Green (82%)
- Blue (85%)



- Red (39%)
- Yellow (61%)
- Blue (85%)



- Cyan (54%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (61%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63D0D9 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 63D0D9 by changing the saturation by 10% instead.

 63D0D9

 63D0D9

FFFFFF

 43B4BD

 9FFFFFF

 1A99A2

 BCFFFF

 007F88

 DAFFFF

 00666F

 F8FFFF

 004D56

 00363F

 002229

 000115

 000000

 63D0D9

 63D0D9

 4DCED9

 79D2D9

 38CDD9

 8ED3D9

 22CBD9

 A4D5D9

 0CC9D9

 BAD7D9

 00C8D9

 D0D8D9

 E5DAD9

 FBDCD9

 FFDDD9

 FFDFD9

Harmonies

Analogous

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



77D0BB



63D0D9



6ECCF0

Triad

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



63D0D9



E2B0E2



D9BD85

Complementary

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



63D0D9



D96C63

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.



F0B390



63D0D9



F7ABC5

Square

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



63D0D9



BFBAF5



FBACA8



BAC68A

Rectangle

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



63D0D9



86C7F9



FBACA8



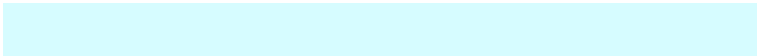
E2BA87

Sweetspot

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



63D0D9



D6FCFF



63D96B



677E80



000000



808080

Same Dimension

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



63D0D9



59F2FF



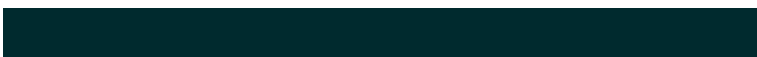
6396D9



636D6E



00A0AD



002A2E

Inverse Universe

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



D963D0



FF59F2



D9A663



6E636D



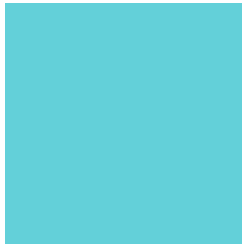
AD00A0



2E002A

Previews

White Background



This preview shows how the Hex color 63D0D9 looks on a white background.

Color Contrast Check

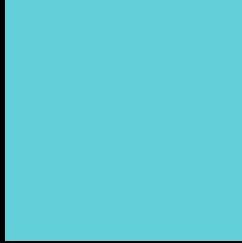
Large Text (above 18pt) WCAG AA × Fail

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 63D0D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

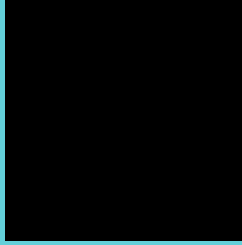
Any Text WCAG AA ✓ Pass

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 63D0D9 Background



This preview shows how black text looks on a background with the Hex color 63D0D9.

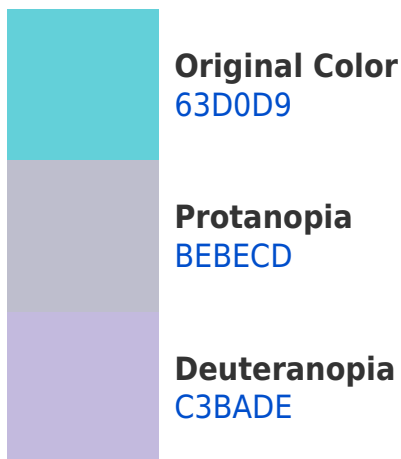


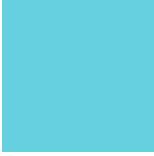
This preview shows how white text looks on a background with the Hex color 63D0D9.

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
66CFE0

Trichromacy



Original Color
63D0D9



Protanomaly
9DC5D1



Deuteranomaly
A0C2DC

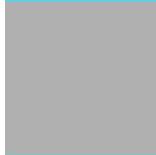


Tritanomaly
65CFDD

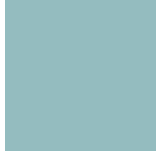
Monochromacy



Original Color
63D0D9



Achromatopsia
B0B0B0



Achromatomaly
94BCBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 63D0D9 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 #63D0D9 looks like.

```
.text, #text, p{  
    color:#63D0D9  
}
```

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 #63D0D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D0D9
}
```

Border

The CSS property to change the border of an element to Hex 63D0D9 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
#63D0D9 }
```

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

```
.border{ border-color:#63D0D9 }
```

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

Here you see how a box with a 4 pixel #63D0D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D0D9; -webkit-box-shadow:4px 4px  
4px 4px #63D0D9; box-shadow:4px 4px 4px  
4px #63D0D9 }
```

Background

The CSS property to change the background color of an element to Hex 63D0D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D0D9 }
```

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

```
.background{ background-color:#63D0D9 }
```

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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