

Converting Colors

Hex(63D1CB)

Have a look what the booklet for
Hex(63D1CB) contains.

Hex(63D1CB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63D1CB)

Conversions

Conversions Part 1

Format	Color
Hex	63D1CB
RGB	99, 209, 203
RGB Percent	39%, 82%, 80%
CMY	0.6118, 0.1804, 0.2039
CMYK	0.53, 0.00, 0.03, 0.18
HSL	177°, 54%, 60%
HSV	177°, 53%, 82%
XYZ	38.7255, 52.5654, 64.6050
YIQ	175.4260, -63.6340, -25.1860

Conversions

Conversions Part 2

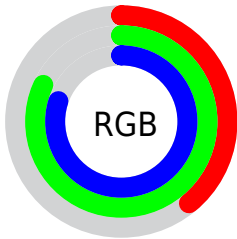
Format	Color
RYB	99, 156, 209
Decimal	6541771
CIELab	77.62, -32.85, -6.65
CIELCh	78, 33.519, 191.444
Yxy	52.5654, 0.2484, 0.3372
Android (android.graphics.Color)	4284731851 (0xFF63D1CB)
YUV	175.4260, 13.5940, -67.0256
Hunter-Lab	72.5020, -31.5361, -2.0807

Details

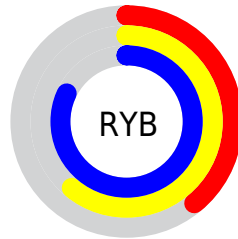
The Hex color **63D1CB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D16369**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **9EFFFF**, and **1D9A95** is the 20% darker color. If you saturate the color by 10%, you get **4ED1CA**, and if you desaturate by 10%, it is **78D1CC**.

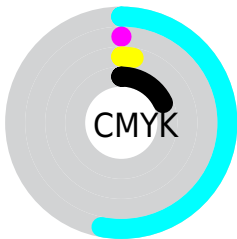
Distribution



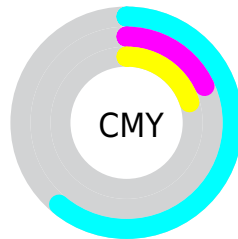
- Red (39%)
- Green (82%)
- Blue (80%)



- Red (39%)
- Yellow (61%)
- Blue (82%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (61%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63D1CB 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 63D1CB by changing the saturation by 10% instead.

 63D1CB

 63D1CB

FFFFFF

 44B5B0

 9EFFFF

 1D9A95

 BBFFFF

 00807B

 D9FFFF

 006662

 F7FFFF

 004E4B

 003634

 00231F

 000006

 000000

 63D1CB

 63D1CB

 4ED1CA

 78D1CC

 39D1C9

 8DD1CD

 24D1C8

 A2D1CE

 0FD1C6

 B7D1D0

 00D1C6

 CCD1D1

 E0D1D2

 F5D1D3

 FFD1D4

 FFD1D5

Harmonies

Analogous

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



83CFAB



63D1CB



5CCFE8

Triad

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



63D1CB



D3B4EF



E6B785

Complementary

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



63D1CB



D16369

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.



F9AE98



63D1CB



F1ABD4

Square

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



63D1CB



A9BFFC



FEA9B5



CAC282

Rectangle

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



63D1CB



6DCBF6



FEA9B5



EEB48A

Sweetspot

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



63D1CB



D6FFFD



6AD163



67807E



000000



808080

Same Dimension

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



63D1CB



5EFFF6



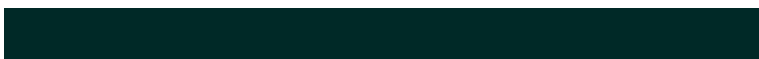
63A1D1



5E6968



00A89F



002927

Inverse Universe

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



D16369



FF5E67



D19363



695E5F



A80009



290002

Previews

White Background



This preview shows how the Hex color 63D1CB looks on a white background.

Color Contrast Check

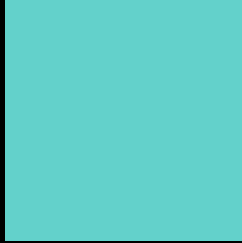
Large Text (above 18pt) WCAG AA × Fail

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 63D1CB 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 63D1CB Background



This preview shows how black text looks on a background with the Hex color 63D1CB.



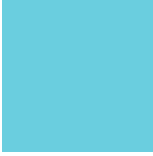
This preview shows how white text looks on a background with the Hex color 63D1CB.

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
6ACEDF

Trichromacy



Original Color
63D1CB



Protanomaly
9FC5C4



Deuteranomaly
A4C2CE

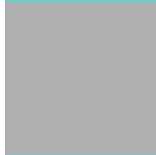


Tritanomaly
67CFD8

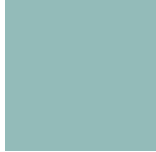
Monochromacy



Original Color
63D1CB



Achromatopsia
AFAFAF



Achromatomaly
93BBB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 63D1CB 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 #63D1CB looks like.

```
.text, #text, p{  
    color:#63D1CB  
}
```

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 #63D1CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D1CB
}
```

Border

The CSS property to change the border of an element to Hex 63D1CB 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
#63D1CB }
```

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

```
.border{ border-color:#63D1CB }
```

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

Here you see how a box with a 4 pixel #63D1CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D1CB; -webkit-box-shadow:4px 4px  
4px 4px #63D1CB; box-shadow:4px 4px 4px  
4px #63D1CB }
```

Background

The CSS property to change the background color of an element to Hex 63D1CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D1CB }
```

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

```
.background{ background-color:#63D1CB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor