

Converting Colors

Hex(64D3C1)

Have a look what the booklet for
Hex(64D3C1) contains.

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Color

Hex(64D3C1)

Conversions

Conversions Part 1

Format	Color
Hex	64D3C1
RGB	100, 211, 193
RGB Percent	39%, 83%, 76%
CMY	0.6078, 0.1725, 0.2431
CMYK	0.53, 0.00, 0.09, 0.17
HSL	170°, 56%, 61%
HSV	170°, 53%, 83%
XYZ	38.1754, 53.1481, 58.6986
YIQ	175.7590, -60.3780, -29.1300

Conversions

Conversions Part 2

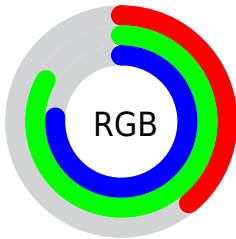
Format	Color
RYB	100, 160, 211
Decimal	6607809
CIELab	77.96, -36.10, -0.77
CIELCh	78, 36.110, 181.222
Yxy	53.1481, 0.2545, 0.3543
Android (android.graphics.Color)	4284797889 (0xFF64D3C1)
YUV	175.7590, 8.4998, -66.4406
Hunter-Lab	72.9028, -34.1085, 3.2938

Details

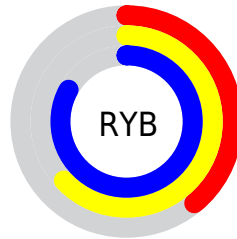
The Hex color **64D3C1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D36476**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9FFF9**, and **219C8C** is the 20% darker color. If you saturate the color by 10%, you get **4FD3BE**, and if you desaturate by 10%, it is **79D3C4**.

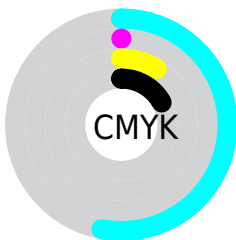
Distribution



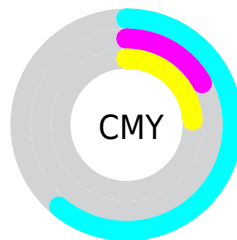
- Red (39%)
- Green (83%)
- Blue (76%)



- Red (39%)
- Yellow (63%)
- Blue (83%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (61%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64D3C1 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 64D3C1 by changing the saturation by 10% instead.

 64D3C1

 64D3C1

FFFFFF

 45B7A6

 9FFFF9

 219C8C

 BCFFFF

 008172

 D9FFFF

 00685A

 F7FFFF

 004F42

 00372C

 002318

 000000

 64D3C1

 64D3C1

 4FD3BE

 79D3C4

 3AD3BA

 8ED3C8

 25D3B7

 A3D3CB

 10D3B3

 B8D3CF

 00D3B1

 CDD3D2

 E3D3D6

 F8D3D9

 FFD3DC

 FFD3E0

Harmonies

Analogous

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



8BD09F



64D3C1



4CD2E2

Triad

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



64D3C1



C7B8FA



F2B487

Complementary

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



64D3C1



D36476

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.



FFAAA0



64D3C1



ECADE2

Square

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



64D3C1



95C3FF



FFA7C1



D6BF7D

Rectangle

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



64D3C1



57CFF4



FFA7C1



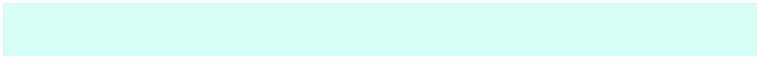
F9B08E

Sweetspot

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



64D3C1



D6FFF8



76D364



67807C



000000



808080

Same Dimension

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



64D3C1



5EFFE5



64AED3



5E6967



00A88D



002922

Inverse Universe

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



D36476



FF5E78



D38964



695E60



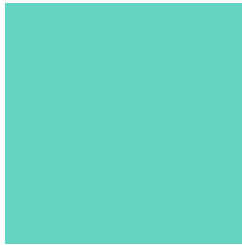
A8001B



290007

Previews

White Background



This preview shows how the Hex color 64D3C1 looks on a white background.

Color Contrast Check

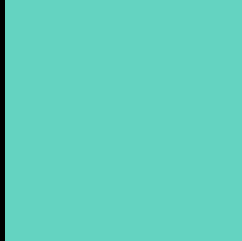
Large Text (above 18pt) WCAG AA × Fail

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 64D3C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

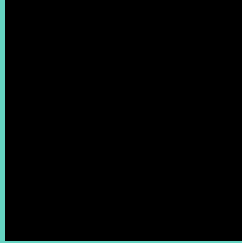
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

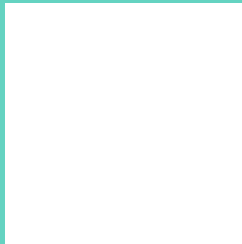
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 64D3C1 Background



This preview shows how black text looks on a background with the Hex color 64D3C1.

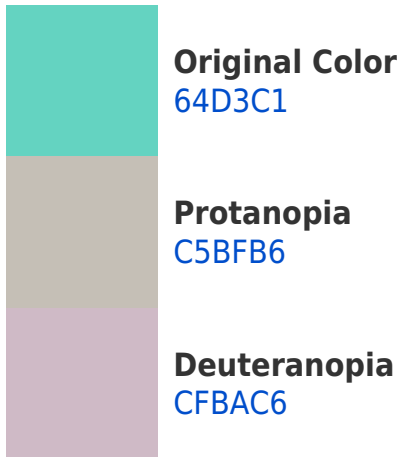


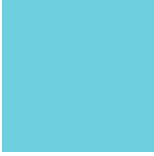
This preview shows how white text looks on a background with the Hex color 64D3C1.

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
6ECFDF

Trichromacy



Original Color
64D3C1



Protanomaly
A2C6BA



Deuteranomaly
A8C3C4

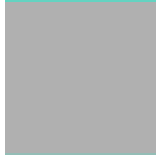


Tritanomaly
6AD0D4

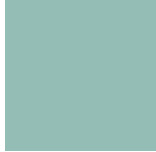
Monochromacy



Original Color
64D3C1



Achromatopsia
B0B0B0



Achromatomaly
94BDB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 64D3C1 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 #64D3C1 looks like.

```
.text, #text, p{  
    color:#64D3C1  
}
```

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 #64D3C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64D3C1
}
```

Border

The CSS property to change the border of an element to Hex 64D3C1 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
#64D3C1 }
```

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

```
.border{ border-color:#64D3C1 }
```

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

Here you see how a box with a 4 pixel #64D3C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64D3C1; -webkit-box-shadow:4px 4px  
4px 4px #64D3C1; box-shadow:4px 4px 4px  
4px #64D3C1 }
```

Background

The CSS property to change the background color of an element to Hex 64D3C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64D3C1 }
```

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

```
.background{ background-color:#64D3C1 }
```

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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