

# Converting Colors

Hex(62D0C1)

Have a look what the booklet for  
Hex(62D0C1) contains.

<b>Hex(62D0C1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(62D0C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62D0C1
RGB	98, 208, 193
RGB Percent	38%, 82%, 76%
CMY	0.6157, 0.1843, 0.2431
CMYK	0.53, 0.00, 0.07, 0.18
HSL	172°, 54%, 60%
HSV	172°, 53%, 82%
XYZ	37.2185, 51.5587, 58.4423
YIQ	173.4000, -60.7450, -27.9850

# Conversions

## Conversions Part 2

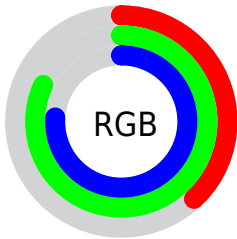
Format	Color
<b>RYB</b>	98, 157, 208
Decimal	6475969
CIELab	77.02, -35.13, -2.16
CIElCh	77, 35.199, 183.525
Yxy	51.5587, 0.2528, 0.3502
Android (android.graphics.Color)	4284666049 (0xFF62D0C1)
YUV	173.4000, 9.6628, -66.1258
Hunter-Lab	71.8044, -33.1354, 2.0064

# Details

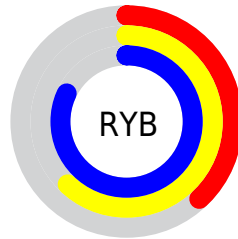
The Hex color **62D0C1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D06271**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9DFFF9**, and **1E998C** is the 20% darker color. If you saturate the color by 10%, you get **4DD0BE**, and if you desaturate by 10%, it is **77D0C4**.

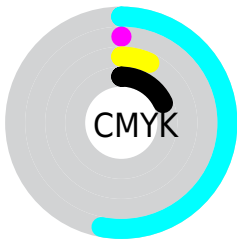
# Distribution



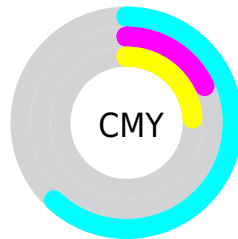
- Red (38%)
- Green (82%)
- Blue (76%)



- Red (38%)
- Yellow (62%)
- Blue (82%)



- Cyan (53%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62D0C1 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 62D0C1 by changing the saturation by 10% instead.




 62D0C1

 62D0C1

FFFFFF

 43B4A6

 9DFFF9

 1E998C

 BAF0FF

 007F72

 D7FFFF

 00655A

 F5FFFF

 004C42

 00352C

 002118

 000000

 62D0C1

 62D0C1

 4DD0BE

 77D0C4

 38D0BB

 8CD0C7

 24D0B8

 A0D0CA

 0FD0B6

 B5D0CC

 00D0B4

 CAD0CF

 DFD0D2

 F4D0D5

 FFD0D8

 FFD0DB

# Harmonies

## Analogous

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



87CDA0



62D0C1



4ECFE1

# Triad

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



62D0C1



C8B4F4



EDB285

# Complementary

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



62D0C1



D06271

# 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.



FDA99C



62D0C1



EBAADC

# Square

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



62D0C1



98C0FF



FDA5BB



D1BD7D

# Rectangle

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



62D0C1



5BCCF2



FDA5BB



F4AF8B

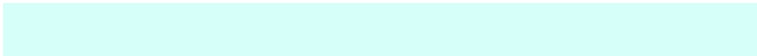


# Sweetspot

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



62D0C1



D6FFF9



72D062



67807C



000000



808080



# Same Dimension

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



62D0C1



5EFFE9



62AAD0



5E6967



00A891



002923



# Inverse Universe

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



D06271



FF5E74



D08962



695E60



A80017

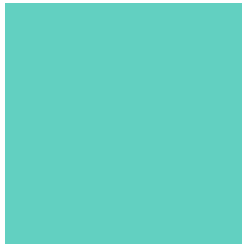


290006



# Previews

## White Background



This preview shows how the Hex color 62D0C1 looks on a white background.

## Color Contrast Check

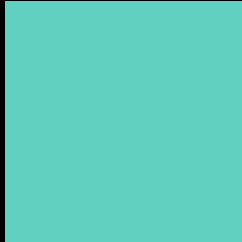
Large Text (above 18pt) WCAG AA × Fail

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 62D0C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

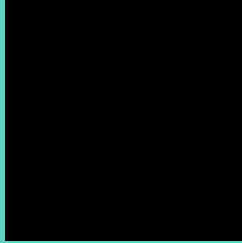
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

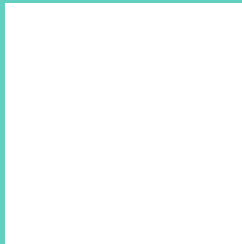
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62D0C1 Background



This preview shows how black text looks on a background with the Hex color 62D0C1.



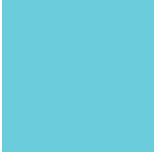
This preview shows how white text looks on a background with the Hex color 62D0C1.

# 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





# Trichromacy



**Original Color**  
62D0C1



**Protanomaly**  
9FC3BA



**Deuteranomaly**  
A5C0C4



**Tritanomaly**  
68CDD2

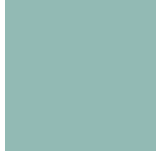
# Monochromacy



**Original Color**  
62D0C1



**Achromatopsia**  
ADADAD



**Achromatomaly**  
92BAB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62D0C1 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 #62D0C1 looks like.

```
.text, #text, p{  
    color:#62D0C1  
}
```

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 #62D0C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D0C1
}
```

## Border

The CSS property to change the border of an element to Hex 62D0C1 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
#62D0C1 }
```

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

```
.border{ border-color:#62D0C1 }
```

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

Here you see how a box with a 4 pixel #62D0C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D0C1; -webkit-box-shadow:4px 4px  
4px 4px #62D0C1; box-shadow:4px 4px 4px  
4px #62D0C1 }
```

# Background

The CSS property to change the background color of an element to Hex 62D0C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D0C1 }
```

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

```
.background{ background-color:#62D0C1 }
```

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