

# Converting Colors

Hex(62D1C0)

Have a look what the booklet for  
Hex(62D1C0) contains.

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# **Color**

**Hex(62D1C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62D1C0
RGB	98, 209, 192
RGB Percent	38%, 82%, 75%
CMY	0.6157, 0.1804, 0.2471
CMYK	0.53, 0.00, 0.08, 0.18
HSL	171°, 55%, 60%
HSV	171°, 53%, 82%
XYZ	37.3519, 52.0034, 57.9382
YIQ	173.8730, -60.6990, -28.8190

# Conversions

## Conversions Part 2

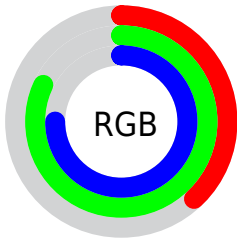
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 158, 209
Decimal	6476224
CIELab	77.28, -35.84, -1.24
CIElCh	77, 35.866, 181.975
Yxy	52.0034, 0.2536, 0.3531
Android (android.graphics.Color)	4284666304 (0xFF62D1C0)
YUV	173.8730, 8.9366, -66.5406
Hunter-Lab	72.1134, -33.7424, 2.8439

# Details

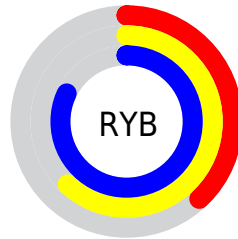
The Hex color **62D1C0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D16273**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9DFFF8**, and **1D9A8B** is the 20% darker color. If you saturate the color by 10%, you get **4DD1BD**, and if you desaturate by 10%, it is **77D1C3**.

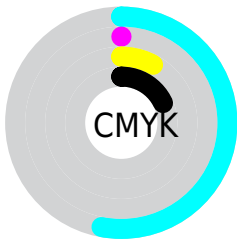
# Distribution



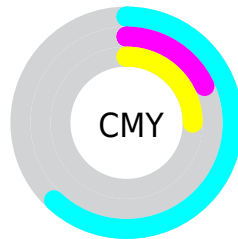
- Red (38%)
- Green (82%)
- Blue (75%)



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



- Cyan (53%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62D1C0 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 62D1C0 by changing the saturation by 10% instead.



 62D1C0

 62D1C0

FFFFFF

 43B5A5

 9DFFF8

 1D9A8B

 BAF8FF

 008071

 D7FFF8

 006659

 F5FFF8

 004D41

 00362C

 002117

 000000

 62D1C0

 62D1C0

■ 4DD1BD

■ 77D1C3

■ 38D1BA

■ 8CD1C6

■ 23D1B6

■ A1D1CA

■ 0ED1B3

■ B6D1CD

■ 00D1B1

■ CBD1D0

■ DFD1D3

■ F4D1D6

■ FFD1DA

■ FFD1DD

# Harmonies

## Analogous

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



89CE9F



62D1C0



4BD0E1

# Triad

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



62D1C0



C6B6F7



EFB285

# Complementary

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



62D1C0



D16273

# 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.



FFA99D



62D1C0



EBABDF

# Square

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



62D1C0



95C1FF



FEA6BE



D4BE7C

# Rectangle

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



62D1C0



56CDF2



FEA6BE



F6AF8C

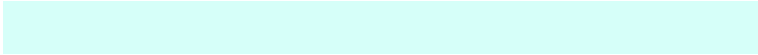


# Sweetspot

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



62D1C0



D6FFF9



74D162



67807C



000000



808080



# Same Dimension

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



62D1C0



5CFFE6



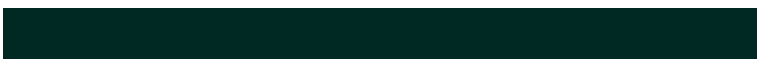
62ACD1



5E6967



00A88F



002923



# Inverse Universe

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



D16273



FF5C75



D18762



695E60



A8001A

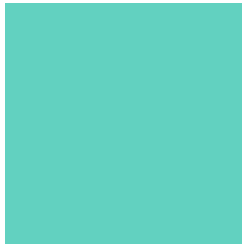


290006



# Previews

## White Background



This preview shows how the Hex color 62D1C0 looks on a white background.

## Color Contrast Check

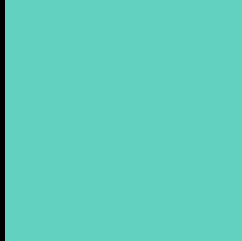
Large Text (above 18pt) WCAG AA × Fail

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 62D1C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

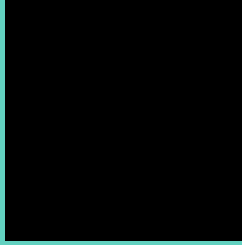
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

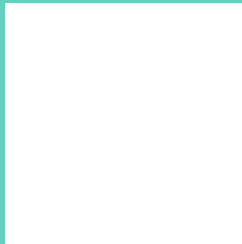
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62D1C0 Background



This preview shows how black text looks on a background with the Hex color 62D1C0.

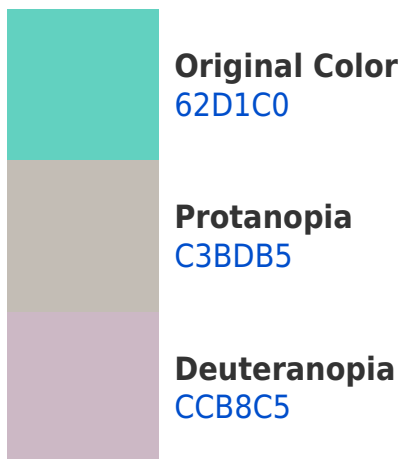


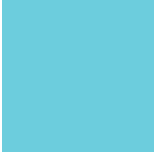
This preview shows how white text looks on a background with the Hex color 62D1C0.

# 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**  
6CCDD

# Trichromacy



**Original Color**  
62D1C0



**Protanomaly**  
A0C4B9



**Deuteranomaly**  
A5C1C3

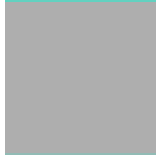


**Tritanomaly**  
68CED2

# Monochromacy



**Original Color**  
62D1C0



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
92BBB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62D1C0 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 #62D1C0 looks like.

```
.text, #text, p{  
    color:#62D1C0  
}
```

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 #62D1C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D1C0
}
```

## Border

The CSS property to change the border of an element to Hex 62D1C0 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
#62D1C0 }
```

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

```
.border{ border-color:#62D1C0 }
```

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

Here you see how a box with a 4 pixel #62D1C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D1C0; -webkit-box-shadow:4px 4px  
4px 4px #62D1C0; box-shadow:4px 4px 4px  
4px #62D1C0 }
```

# Background

The CSS property to change the background color of an element to Hex 62D1C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D1C0 }
```

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

```
.background{ background-color:#62D1C0 }
```

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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