

# Converting Colors

Hex(62D0B8)

Have a look what the booklet for  
Hex(62D0B8) contains.

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**Color**

**Hex(62D0B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62D0B8
RGB	98, 208, 184
RGB Percent	38%, 82%, 72%
CMY	0.6157, 0.1843, 0.2784
CMYK	0.53, 0.00, 0.12, 0.18
HSL	167°, 54%, 60%
HSV	167°, 53%, 82%
XYZ	36.2446, 51.1691, 53.3137
YIQ	172.3740, -57.8560, -30.7840

# Conversions

## Conversions Part 2

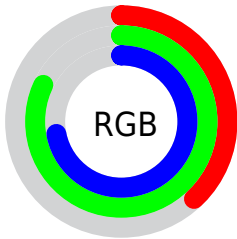
Format	Color
<b>RYB</b>	98, 160, 208
Decimal	6475960
CIELab	76.78, -37.34, 2.33
CIELCh	77, 37.411, 176.427
Yxy	51.1691, 0.2576, 0.3636
Android (android.graphics.Color)	4284666040 (0xFF62D0B8)
YUV	172.3740, 5.7316, -65.2260
Hunter-Lab	71.5326, -34.7385, 5.8836

# Details

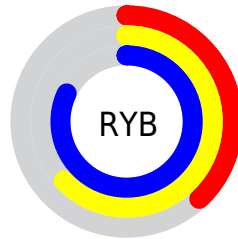
The Hex color **62D0B8** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D0627A**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9CFFF0**, and **1F9983** is the 20% darker color. If you saturate the color by 10%, you get **4DD0B3**, and if you desaturate by 10%, it is **77D0BD**.

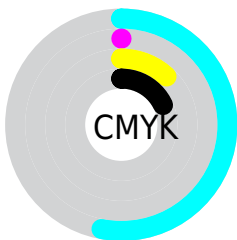
# Distribution



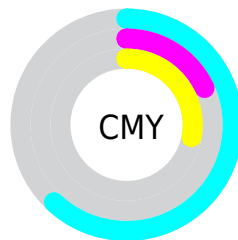
- Red (38%)
- Green (82%)
- Blue (72%)



- Red (38%)
- Yellow (63%)
- Blue (82%)



- Cyan (53%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62D0B8 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 62D0B8 by changing the saturation by 10% instead.



 62D0B8

 62D0B8

FFFFFF

 44B49D

 9CFFF0

 1F9983

 B9FFFF

 007F6A

 D7FFFF

 006552

 F5FFFF

 004C3B

 003425

 002010

 000000

 62D0B8

 62D0B8

 4DD0B3

 77D0BD

 38D0AF

 8CD0C1

 24D0AA

 A0D0C6

 0FD0A6

 B5D0CA

 00D0A3

 CAD0CF

 DFD0D3

 F4D0D8

 FFD0DC

 FFD0E1

# Harmonies

## Analogous

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



8DCC96



62D0B8



40D0DB

# Triad

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



62D0B8



BCB6FB



F4AE85

# Complementary

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



62D0B8



D0627A

# 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.



FFA5A0



62D0B8



E5AAE4

# Square

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



62D0B8



87C2FF



FDA3C3



D9BA78

# Rectangle

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



62D0B8



45CDEF



FDA3C3



FAAB8D

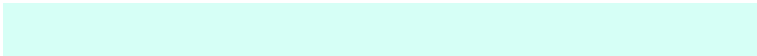


# Sweetspot

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



62D0B8



D6FFF6



7CD062



67807A



000000



808080



# Same Dimension

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



62D0B8



5EFFDC



62B3D0



5E6966



00A884



002920



# Inverse Universe

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



D0627A



FF5E81



D07F62



695E60



A80025

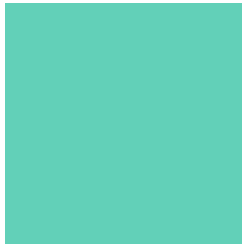


290009



# Previews

## White Background



This preview shows how the Hex color 62D0B8 looks on a white background.

## Color Contrast Check

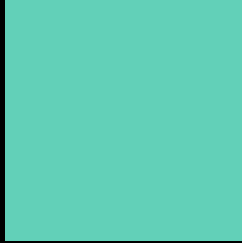
Large Text (above 18pt) WCAG AA × Fail

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 62D0B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

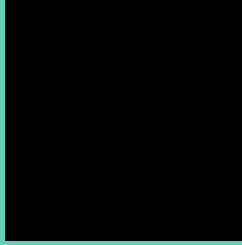
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

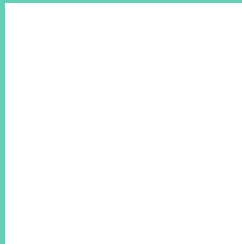
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62D0B8 Background



This preview shows how black text looks on a background with the Hex color 62D0B8.

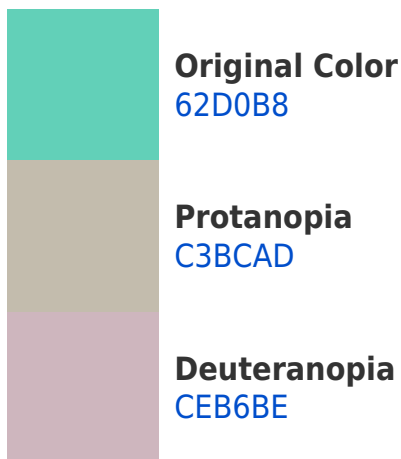


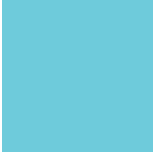
This preview shows how white text looks on a background with the Hex color 62D0B8.

# 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**  
6ECBDB

# Trichromacy



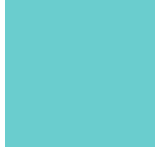
**Original Color**  
62D0B8



**Protanomaly**  
A0C3B1



**Deuteranomaly**  
A7BFBC

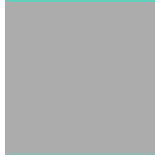


**Tritanomaly**  
6ACDCE

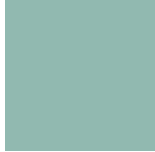
# Monochromacy



**Original Color**  
62D0B8



**Achromatopsia**  
ACACAC



**Achromatomaly**  
91B9B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62D0B8 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 #62D0B8 looks like.

```
.text, #text, p{  
    color:#62D0B8  
}
```

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 #62D0B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D0B8
}
```

## Border

The CSS property to change the border of an element to Hex 62D0B8 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
#62D0B8 }
```

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

```
.border{ border-color:#62D0B8 }
```

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

Here you see how a box with a 4 pixel #62D0B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D0B8; -webkit-box-shadow:4px 4px  
4px 4px #62D0B8; box-shadow:4px 4px 4px  
4px #62D0B8 }
```

# Background

The CSS property to change the background color of an element to Hex 62D0B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D0B8 }
```

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

```
.background{ background-color:#62D0B8 }
```

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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