

Converting Colors

Hex(62D0B7)

Have a look what the booklet for
Hex(62D0B7) contains.

Hex(62D0B7)	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(62D0B7)

Conversions

Conversions Part 1

Format	Color
Hex	62D0B7
RGB	98, 208, 183
RGB Percent	38%, 82%, 72%
CMY	0.6157, 0.1843, 0.2824
CMYK	0.53, 0.00, 0.12, 0.18
HSL	166°, 54%, 60%
HSV	166°, 53%, 82%
XYZ	36.1401, 51.1273, 52.7635
YIQ	172.2600, -57.5350, -31.0950

Conversions

Conversions Part 2

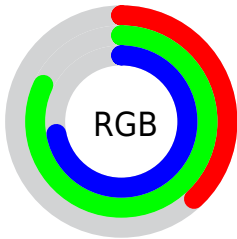
Format	Color
RYB	98, 160, 208
Decimal	6475959
CIELab	76.76, -37.58, 2.83
CIELCh	77, 37.685, 175.690
Yxy	51.1273, 0.2581, 0.3651
Android (android.graphics.Color)	4284666039 (0xFF62D0B7)
YUV	172.2600, 5.2948, -65.1260
Hunter-Lab	71.5034, -34.9112, 6.3013

Details

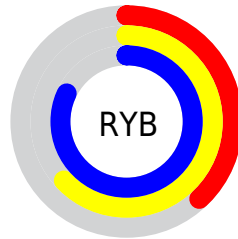
The Hex color **62D0B7** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D0627B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9CFFEF**, and **1F9982** is the 20% darker color. If you saturate the color by 10%, you get **4DD0B2**, and if you desaturate by 10%, it is **77D0BC**.

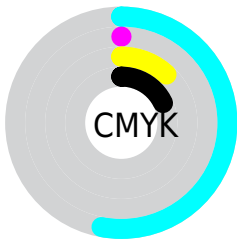
Distribution



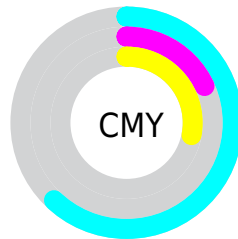
- Red (38%)
- Green (82%)
- Blue (72%)



- 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 62D0B7 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 62D0B7 by changing the saturation by 10% instead.

 62D0B7

 62D0B7

FFFFFF

 44B49C

 9CFFEF

 1F9982

 B9FFFF

 007F69

 D7FFFF

 006551

 F5FFFF

 004C3A

 003425

 002010

 000000

 62D0B7

 62D0B7

 4DD0B2

 77D0BC

 38D0AE

 8CD0C0

 24D0A9

 A0D0C5

 0FD0A4

 B5D0CA

 00D0A1

 CAD0CF

 DFD0D3

 F4D0D8

 FFD0DD

 FFD0E2

Harmonies

Analogous

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



8DCC95



62D0B7



3FD0DA

Triad

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



62D0B7



BBB6FC



F4AE85

Complementary

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



62D0B7



D0627B

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.



FFA5A1



62D0B7



E5AAE5

Square

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



62D0B7



85C2FF



FDA3C4



DABA78

Rectangle

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



62D0B7



42CDEE



FDA3C4



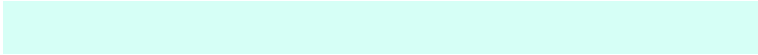
FBAA8D

Sweetspot

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



62D0B7



D6FFF6



7CD062



67807A



000000



808080

Same Dimension

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



62D0B7



5EFFDA



62B3D0



5E6966



00A882



002920

Inverse Universe

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



D0627B



FF5E83



D07F62



695E60



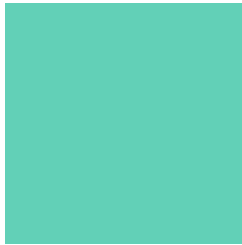
A80026



290009

Previews

White Background



This preview shows how the Hex color 62D0B7 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 62D0B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

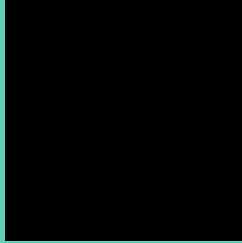
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

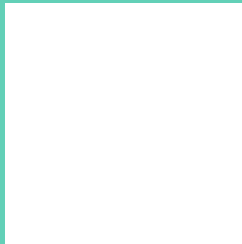
Any Text WCAG AAA ✓ Pass

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

Hex 62D0B7 Background



This preview shows how black text looks on a background with the Hex color 62D0B7.



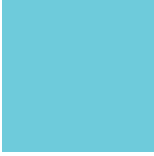
This preview shows how white text looks on a background with the Hex color 62D0B7.

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



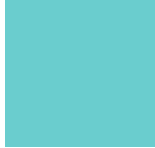
Original Color
62D0B7



Protanomaly
A0C3B0



Deuteranomaly
A7BFBB



Tritanomaly
6ACDCE

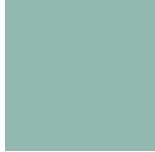
Monochromacy



Original Color
62D0B7



Achromatopsia
ACACAC



Achromatomaly
91B9B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 62D0B7 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 #62D0B7 looks like.

```
.text, #text, p{  
    color:#62D0B7  
}
```

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 #62D0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D0B7
}
```

Border

The CSS property to change the border of an element to Hex 62D0B7 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
#62D0B7 }
```

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

```
.border{ border-color:#62D0B7 }
```

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

Here you see how a box with a 4 pixel #62D0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D0B7; -webkit-box-shadow:4px 4px  
4px 4px #62D0B7; box-shadow:4px 4px 4px  
4px #62D0B7 }
```

Background

The CSS property to change the background color of an element to Hex 62D0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D0B7 }
```

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

```
.background{ background-color:#62D0B7 }
```

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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