

Converting Colors

Hex(62D4C0)

Have a look what the booklet for
Hex(62D4C0) contains.

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Color

Hex(62D4C0)

Conversions

Conversions Part 1

Format	Color
Hex	62D4C0
RGB	98, 212, 192
RGB Percent	38%, 83%, 75%
CMY	0.6157, 0.1686, 0.2471
CMYK	0.54, 0.00, 0.09, 0.17
HSL	169°, 57%, 61%
HSV	169°, 54%, 83%
XYZ	38.0949, 53.4894, 58.1858
YIQ	175.6340, -61.5240, -30.3880

Conversions

Conversions Part 2

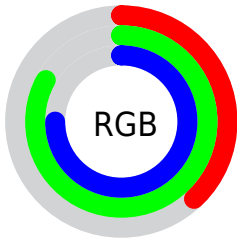
Format	Color
RYB	98, 160, 212
Decimal	6476992
CIELab	78.16, -37.23, 0.05
CIElCh	78, 37.226, 179.921
Yxy	53.4894, 0.2544, 0.3571
Android (android.graphics.Color)	4284667072 (0xFF62D4C0)
YUV	175.6340, 8.0684, -68.0850
Hunter-Lab	73.1365, -35.0127, 4.0256

Details

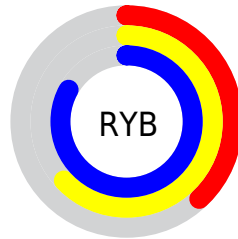
The Hex color **62D4C0** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D46276**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9DFFF8**, and **1C9D8B** is the 20% darker color. If you saturate the color by 10%, you get **4DD4BC**, and if you desaturate by 10%, it is **77D4C4**.

Distribution



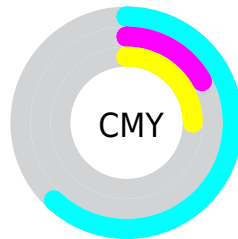
- Red (38%)
- Green (83%)
- Blue (75%)



- Red (38%)
- Yellow (63%)
- Blue (83%)



- Cyan (54%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (62%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62D4C0 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 62D4C0 by changing the saturation by 10% instead.

 62D4C0

 62D4C0

FFFFFF

 43B8A5

 9DFFF8

 1C9D8B

 BAF8FF

 008271

 D8FFFF

 006959

 F6FFFF

 005041

 00382C

 002417

 000000

 62D4C0

 62D4C0

 4DD4BC

 77D4C4

 38D4B9

 8CD4C7

 22D4B5

 A2D4CB

 0DD4B1

 B7D4CF

 00D4AF

 CCD4D3

 E1D4D6

 F6D4DA

 FFD4DE

 FFD4E1

Harmonies

Analogous

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



8CD19E



62D4C0



46D3E3

Triad

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



62D4C0



C6B8FD



F5B387

Complementary

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



62D4C0



D46276

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.



FFAAA1



62D4C0



EDADE4

Square

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



62D4C0



91C5FF



FFA7C3



D9BF7C

Rectangle

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



62D4C0



4FD0F5



FFA7C3



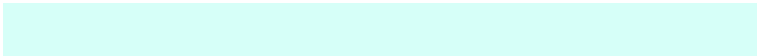
FCB08E

Sweetspot

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



62D4C0



D6FFF8



77D462



67807B



000000



808080

Same Dimension

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



62D4C0



59FFE2



62B0D4



606B69



00AB8D



002B24

Inverse Universe

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



D46276



FF5976



D48662



6B6062



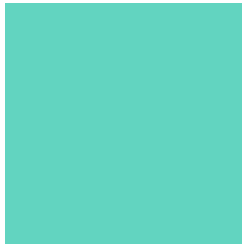
AB001E



2B0008

Previews

White Background



This preview shows how the Hex color 62D4C0 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 62D4C0 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

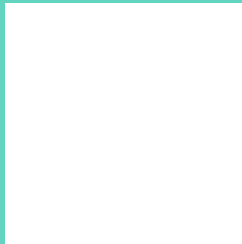
Any Text WCAG AAA ✓ Pass

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

Hex 62D4C0 Background



This preview shows how black text looks on a background with the Hex color 62D4C0.

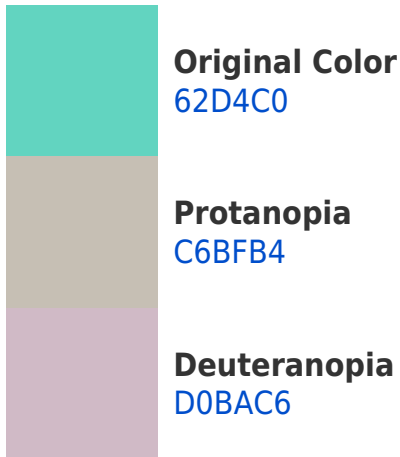


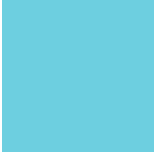
This preview shows how white text looks on a background with the Hex color 62D4C0.

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](#).

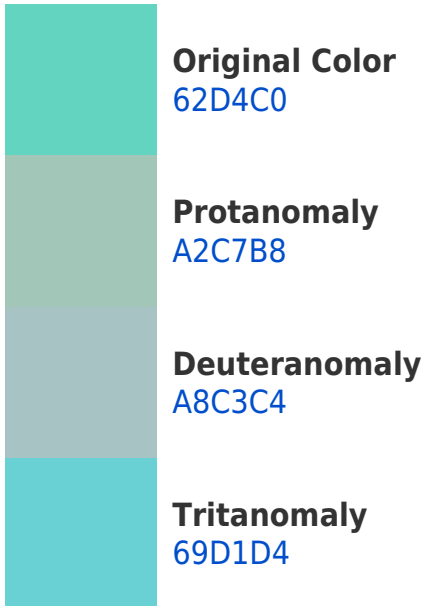
Dichromacy





Tritanopia
6DCFEO

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62D4C0 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 #62D4C0 looks like.

```
.text, #text, p{  
    color:#62D4C0  
}
```

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 #62D4C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D4C0
}
```

Border

The CSS property to change the border of an element to Hex 62D4C0 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
#62D4C0 }
```

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

```
.border{ border-color:#62D4C0 }
```

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

Here you see how a box with a 4 pixel #62D4C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D4C0; -webkit-box-shadow:4px 4px  
4px 4px #62D4C0; box-shadow:4px 4px 4px  
4px #62D4C0 }
```

Background

The CSS property to change the background color of an element to Hex 62D4C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D4C0 }
```

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

```
.background{ background-color:#62D4C0 }
```

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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