

Converting Colors

Hex(62D0BE)

Have a look what the booklet for
Hex(62D0BE) contains.

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Color

Hex(62D0BE)

Conversions

Conversions Part 1

Format	Color
Hex	62D0BE
RGB	98, 208, 190
RGB Percent	38%, 82%, 75%
CMY	0.6157, 0.1843, 0.2549
CMYK	0.53, 0.00, 0.09, 0.18
HSL	170°, 54%, 60%
HSV	170°, 53%, 82%
XYZ	36.8871, 51.4261, 56.6973
YIQ	173.0580, -59.7820, -28.9180

Conversions

Conversions Part 2

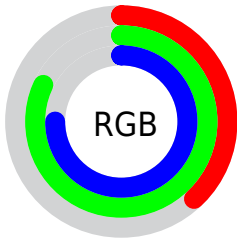
Format	Color
RYB	98, 158, 208
Decimal	6475966
CIELab	76.94, -35.88, -0.67
CIELCh	77, 35.883, 181.066
Yxy	51.4261, 0.2544, 0.3546
Android (android.graphics.Color)	4284666046 (0xFF62D0BE)
YUV	173.0580, 8.3524, -65.8259
Hunter-Lab	71.7120, -33.6794, 3.3223

Details

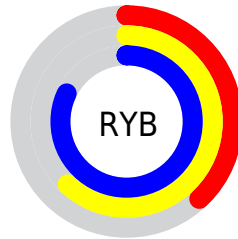
The Hex color **62D0BE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D06274**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9CFFF6**, and **1E9989** is the 20% darker color. If you saturate the color by 10%, you get **4DD0BB**, and if you desaturate by 10%, it is **77D0C1**.

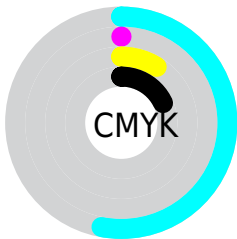
Distribution



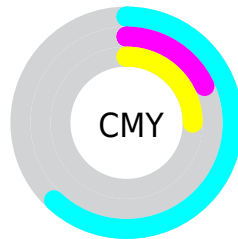
- Red (38%)
- Green (82%)
- Blue (75%)



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



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 62D0BE 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 62D0BE by changing the saturation by 10% instead.

 62D0BE

 62D0BE

FFFFFF

 43B4A3


 9CFFF6

 1E9989

 BAF6FF

 007F6F

 D7FFFF

 006557

 F5FFFF

 004C40

 00352A

 002016

 000000

 62D0BE

 62D0BE

 4DD0BB

 77D0C1

 38D0B7

 8CD0C5

 24D0B4

 A0D0C8

 0FD0B0

 B5D0CC

 00D0AE

 CAD0CF

 DFD0D2

 F4D0D6

 FFD0D9

 FFD0DD

Harmonies

Analogous

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



89CD9D



62D0BE



4ACFDf

Triad

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



62D0BE



C4B5F7



EFB185

Complementary

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



62D0BE



D06274

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.



FEA89D



62D0BE



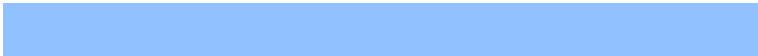
E9AADF

Square

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



62D0BE



92C1FF



FDA5BE



D4BC7B

Rectangle

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



62D0BE



54CCF1



FDA5BE



F6AD8C

Sweetspot

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



62D0BE



D6FFF8



74D062



67807C



000000



808080

Same Dimension

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



62D0BE



5EFFE5



62ABD0



5E6967



00A88D



002922

Inverse Universe

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



D06274



FF5E79



D08762



695E60



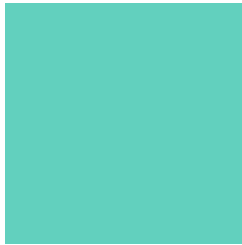
A8001C



290007

Previews

White Background



This preview shows how the Hex color 62D0BE looks on a white background.

Color Contrast Check

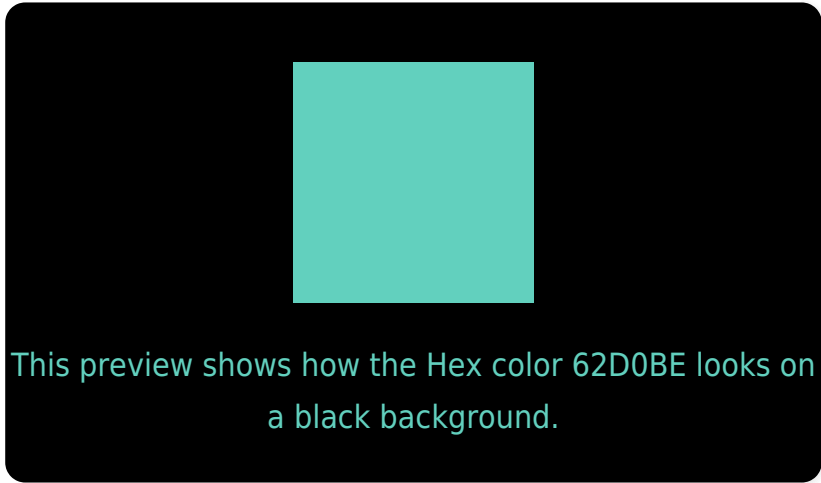
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

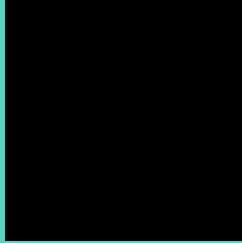
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

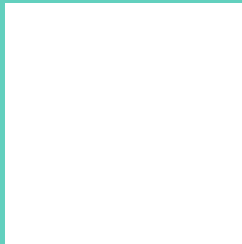
Any Text WCAG AAA ✓ Pass

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

Hex 62D0BE Background



This preview shows how black text looks on a background with the Hex color 62D0BE.

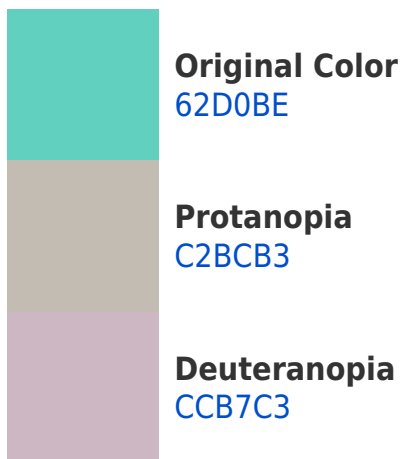


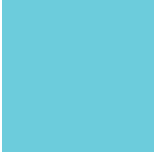
This preview shows how white text looks on a background with the Hex color 62D0BE.

Color Blindness Simulation

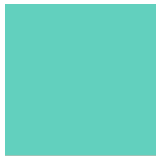
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
62D0BE



Protanomaly
9FC3B7



Deuteranomaly
A5C0C1

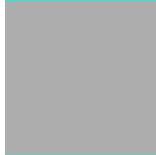


Tritanomaly
68CDD1

Monochromacy



Original Color
62D0BE



Achromatopsia
ADADAD



Achromatomaly
92BAB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 62D0BE 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 #62D0BE looks like.

```
.text, #text, p{  
    color:#62D0BE  
}
```

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 #62D0BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D0BE
}
```

Border

The CSS property to change the border of an element to Hex 62D0BE 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
#62D0BE }
```

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

```
.border{ border-color:#62D0BE }
```

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

Here you see how a box with a 4 pixel #62D0BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D0BE; -webkit-box-shadow:4px 4px  
4px 4px #62D0BE; box-shadow:4px 4px 4px  
4px #62D0BE }
```

Background

The CSS property to change the background color of an element to Hex 62D0BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D0BE }
```

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

```
.background{ background-color:#62D0BE }
```

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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