

Converting Colors

Hex(62D3BD)

Have a look what the booklet for
Hex(62D3BD) contains.

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Color

Hex(62D3BD)

Conversions

Conversions Part 1

Format	Color
Hex	62D3BD
RGB	98, 211, 189
RGB Percent	38%, 83%, 74%
CMY	0.6157, 0.1725, 0.2588
CMYK	0.54, 0.00, 0.10, 0.17
HSL	168°, 56%, 61%
HSV	168°, 54%, 83%
XYZ	37.5166, 52.8593, 56.3697
YIQ	174.7050, -60.2860, -30.7980

Conversions

Conversions Part 2

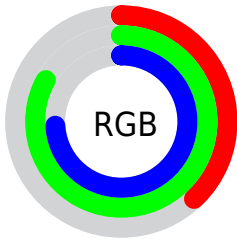
Format	Color
RYB	98, 161, 211
Decimal	6476733
CIELab	77.79, -37.50, 1.12
CIELCh	78, 37.518, 178.293
Yxy	52.8593, 0.2557, 0.3602
Android (android.graphics.Color)	4284666813 (0xFF62D3BD)
YUV	174.7050, 7.0474, -67.2703
Hunter-Lab	72.7044, -35.1240, 4.9240

Details

The Hex color **62D3BD** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D36278**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **9DFFF5**, and **1D9C88** is the 20% darker color. If you saturate the color by 10%, you get **4DD3B9**, and if you desaturate by 10%, it is **77D3C1**.

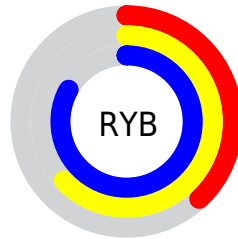
Distribution



Red (38%)

Green (83%)

Blue (74%)



Red (38%)

Yellow (63%)

Blue (83%)

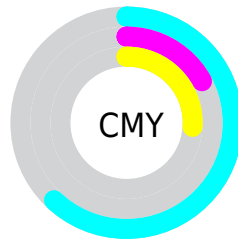


Cyan (54%)

Magenta (0%)

Yellow (10%)

Black (17%)



Cyan (62%)

Magenta (17%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62D3BD 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 62D3BD by changing the saturation by 10% instead.

 62D3BD

 62D3BD

FFFFFF

 43B7A2

 9DFFF5

 1D9C88

 BAFFFF

 00816E

 D7FFFF

 006856

 F5FFFF

 004F3F

 003729

 002315

 000000

 62D3BD

 62D3BD

■ 4DD3B9

■ 77D3C1

■ 38D3B5

■ 8CD3C5

■ 23D3B1

■ A1D3C9

■ 0ED3AD

■ B6D3CD

■ 00D3AA

■ CBD3D2

■ E1D3D6

■ F6D3DA

■ FFD3DE

■ FFD3E2

Harmonies

Analogous

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



8DCF9B



62D3BD



43D2E0

Triad

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



62D3BD



C2B8FD



F5B186

Complementary

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



62D3BD



D36278

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.



FFA8A1



62D3BD



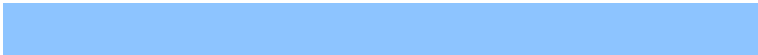
EBACE5

Square

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



62D3BD



8DC4FF



FFA6C4



DABD7A

Rectangle

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



62D3BD



4AD0F3



FFA6C4



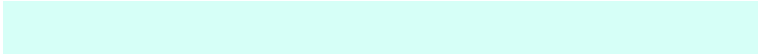
FCAE8E

Sweetspot

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



62D3BD



D6FFF7



79D362



67807B



000000



808080

Same Dimension

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



62D3BD



5CFFDF



62B1D3



5E6967



00A888



002921

Inverse Universe

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



D36278



FF5C7C



D38462



695E60



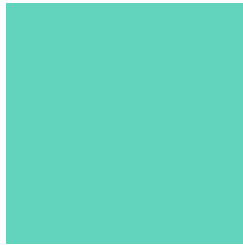
A80021



290008

Previews

White Background



This preview shows how the Hex color 62D3BD looks on a white background.

Color Contrast Check

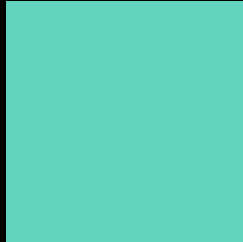
Large Text (above 18pt) WCAG AA × Fail

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 62D3BD 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

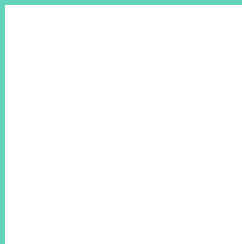
Any Text WCAG AAA ✓ Pass

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

Hex 62D3BD Background



This preview shows how black text looks on a background with the Hex color 62D3BD.



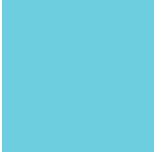
This preview shows how white text looks on a background with the Hex color 62D3BD.

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
6DCEDF

Trichromacy



Original Color
62D3BD



Protanomaly
A2C6B6



Deuteranomaly
A8C2C1

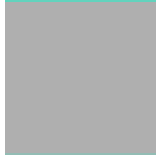


Tritanomaly
69D0D3

Monochromacy



Original Color
62D3BD



Achromatopsia
AFAFAF



Achromatomaly
93BCB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 62D3BD 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 #62D3BD looks like.

```
.text, #text, p{  
    color:#62D3BD  
}
```

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 #62D3BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D3BD
}
```

Border

The CSS property to change the border of an element to Hex 62D3BD 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
#62D3BD }
```

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

```
.border{ border-color:#62D3BD }
```

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

Here you see how a box with a 4 pixel #62D3BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D3BD; -webkit-box-shadow:4px 4px  
4px 4px #62D3BD; box-shadow:4px 4px 4px  
4px #62D3BD }
```

Background

The CSS property to change the background color of an element to Hex 62D3BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D3BD }
```

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

```
.background{ background-color:#62D3BD }
```

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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