

Converting Colors

Hex(62D0AD)

Have a look what the booklet for
Hex(62D0AD) contains.

Hex(62D0AD)	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(62D0AD)

Conversions

Conversions Part 1

Format	Color
Hex	62D0AD
RGB	98, 208, 173
RGB Percent	38%, 82%, 68%
CMY	0.6157, 0.1843, 0.3216
CMYK	0.53, 0.00, 0.17, 0.18
HSL	161°, 54%, 60%
HSV	161°, 53%, 82%
XYZ	35.1357, 50.7256, 47.4743
YIQ	171.1200, -54.3250, -34.2050

Conversions

Conversions Part 2

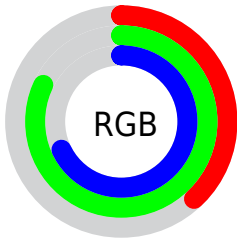
Format	Color
RYB	98, 163, 208
Decimal	6475949
CIELab	76.51, -39.92, 7.85
CIELCh	77, 40.680, 168.878
Yxy	50.7256, 0.2635, 0.3804
Android (android.graphics.Color)	4284666029 (0xFF62D0AD)
YUV	171.1200, 0.9268, -64.1262
Hunter-Lab	71.2219, -36.5793, 10.3344

Details

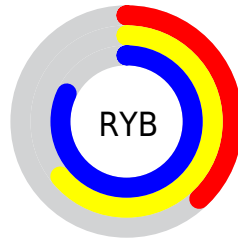
The Hex color **62D0AD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D06285**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9CFFE4**, and **209979** is the 20% darker color. If you saturate the color by 10%, you get **4DD0A6**, and if you desaturate by 10%, it is **77D0B4**.

Distribution



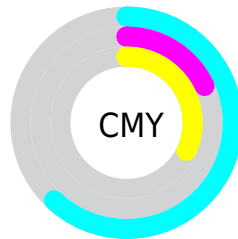
- Red (38%)
- Green (82%)
- Blue (68%)



- Red (38%)
- Yellow (64%)
- Blue (82%)



- Cyan (53%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62D0AD 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 62D0AD by changing the saturation by 10% instead.

 62D0AD

 62D0AD

FFFFFF

 44B492

 9CFFE4

 209979

 B9FFFF

 007E60

 D6FFFF

 006548

 F4FFFF

 004C32

 00341D

 001F03

 000000

 62D0AD

 62D0AD

 4DD0A6

 77D0B4

 38D0A0

 8CD0BA

 24D099

 A0D0C1

 0FD093

 B5D0C7

 00D08E

 CAD0CE

 DFD0D5

 F4D0DB

 FFD0E2

 FFD0E9

Harmonies

Analogous

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



93CB8A



62D0AD



2AD1D4

Triad

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



62D0AD



ADB8FF



FCA986

Complementary

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



62D0AD



D06285

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.



FFA0A6



62D0AD



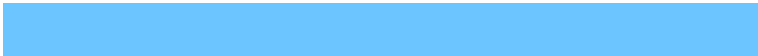
DEABEF

Square

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



62D0AD



6DC5FF



FDA1CC



E2B673

Rectangle

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



62D0AD



18CFEB



FDA1CC



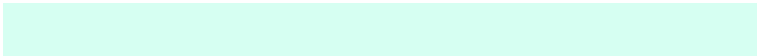
FFA58F

Sweetspot

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



62D0AD



D6FFF2



87D062



678078



000000



808080

Same Dimension

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



62D0AD



5EFFCC



62BED0



5E6965



00A873



00291C

Inverse Universe

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



D06285



FF5E91



D07462



695E61



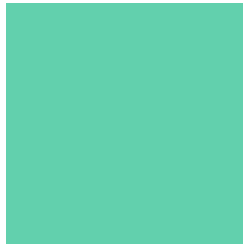
A80036



29000D

Previews

White Background



This preview shows how the Hex color 62D0AD looks on a white background.

Color Contrast Check

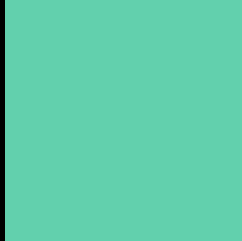
Large Text (above 18pt) WCAG AA × Fail

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 62D0AD 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 62D0AD Background



This preview shows how black text looks on a background with the Hex color 62D0AD.

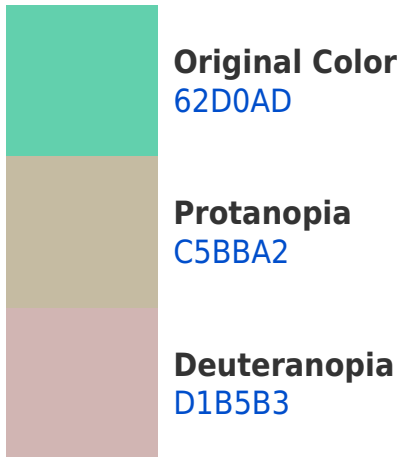


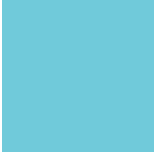
This preview shows how white text looks on a background with the Hex color 62D0AD.

Color Blindness Simulation

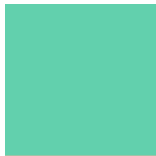
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
62D0AD



Protanomaly
A1C3A6



Deuteranomaly
A9BFB1

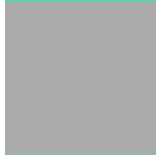


Tritanomaly
6BCCCA

Monochromacy



Original Color
62D0AD



Achromatopsia
ABABAB



Achromatomaly
90B8AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 62D0AD 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 #62D0AD looks like.

```
.text, #text, p{  
    color:#62D0AD  
}
```

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 #62D0AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D0AD }  
}
```

Border

The CSS property to change the border of an element to Hex 62D0AD 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 #62D0AD }  
}
```

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

```
.border{ border-color:#62D0AD }
```

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

Here you see how a box with a 4 pixel #62D0AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D0AD; -webkit-box-shadow:4px 4px  
4px 4px #62D0AD; box-shadow:4px 4px 4px  
4px #62D0AD }
```

Background

The CSS property to change the background color of an element to Hex 62D0AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D0AD }
```

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

```
.background{ background-color:#62D0AD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor