

Converting Colors

Hex(57B2A2)

Have a look what the booklet for
Hex(57B2A2) contains.

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Color

Hex(57B2A2)

Conversions

Conversions Part 1

Format	Color
Hex	57B2A2
RGB	87, 178, 162
RGB Percent	34%, 70%, 64%
CMY	0.6588, 0.3020, 0.3647
CMYK	0.51, 0.00, 0.09, 0.30
HSL	169°, 37%, 52%
HSV	169°, 51%, 70%
XYZ	26.3725, 36.4757, 39.8330
YIQ	148.9670, -49.1000, -24.2680

Conversions

Conversions Part 2

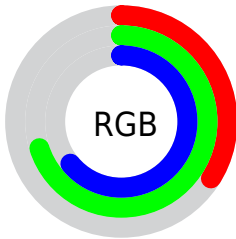
Format	Color
RYB	87, 137, 178
Decimal	5747362
CIELab	66.88, -31.13, -0.14
CIELCh	67, 31.132, 180.258
Yxy	36.4757, 0.2568, 0.3552
Android (android.graphics.Color)	4283937442 (0xFF57B2A2)
YUV	148.9670, 6.4253, -54.3451
Hunter-Lab	60.3951, -27.7466, 3.1725

Details

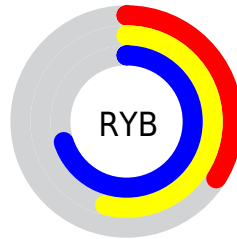
The Hex color **57B2A2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B25767**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8FEAD9**, and **177D6E** is the 20% darker color. If you saturate the color by 10%, you get **45B29F**, and if you desaturate by 10%, it is **69B2A5**.

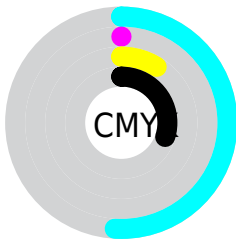
Distribution



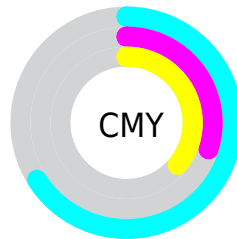
- Red (34%)
- Green (70%)
- Blue (64%)



- Red (34%)
- Yellow (54%)
- Blue (70%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B2A2 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 57B2A2 by changing the saturation by 10% instead.

■ 57B2A2

■ 57B2A2

FFFFFF

■ 3A9788

■ 8FEAD9

■ 177D6E

■ ABFFF5

■ 006356

■ C8FFFF

■ 004B3F

■ E5FFFF

■ 003429

■ 002015

■ 000000

■ 57B2A2

■ 57B2A2

■ 45B29F

■ 69B2A5

 33B29C

 7BB2A8

 22B299

 8CB2AB

 10B295

 9EB2AF

 00B293

 B0B2B2

 C2B2B5

 D4B2B8

 E5B2BB

 F7B2BE

Harmonies

Analogous

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



77AF86



57B2A2



44B1BE

Triad

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



57B2A2



A79BD3



CD9773

Complementary

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



57B2A2



B25767

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.



D99088



57B2A2



C792BF

Square

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



57B2A2



7DA5DA



D88EA4



B6A16B

Rectangle

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



57B2A2



4BAFCD



D88EA4



D29579

Sweetspot

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



57B2A2



C5E8E2



68B257



607572



F5F5F5



757575

Same Dimension

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



57B2A2



5AE8CF



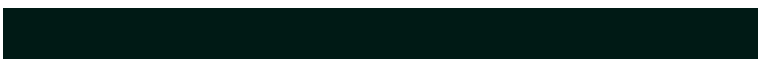
5795B2



505958



00997E



001A15

Inverse Universe

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



B25767



E85A73



B27457



595052



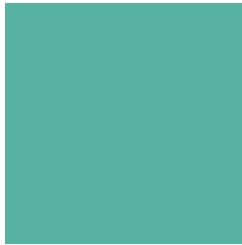
99001B



1A0004

Previews

White Background



This preview shows how the Hex color 57B2A2 looks on a white background.

Color Contrast Check

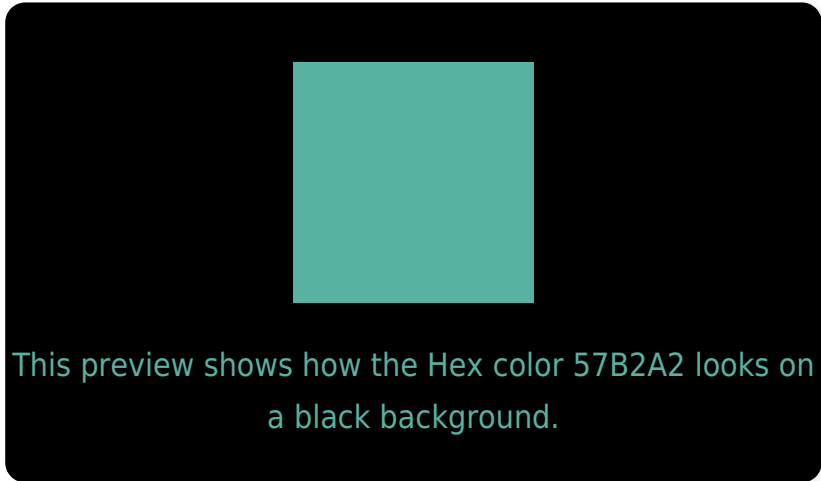
Large Text (above 18pt) WCAG AA × Fail

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

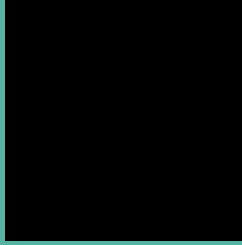
Any Text WCAG AA ✓ Pass

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 57B2A2 Background



This preview shows how black text looks on a background with the Hex color 57B2A2.

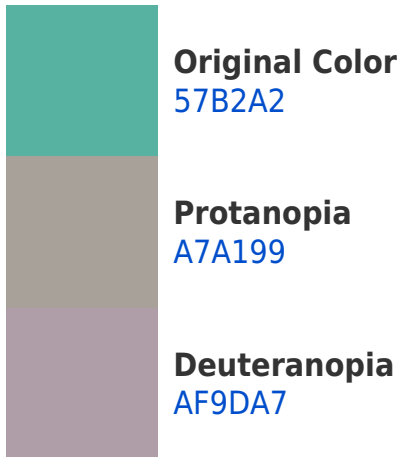


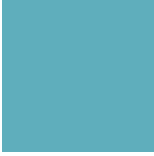
This preview shows how white text looks on a background with the Hex color 57B2A2.

Color Blindness Simulation

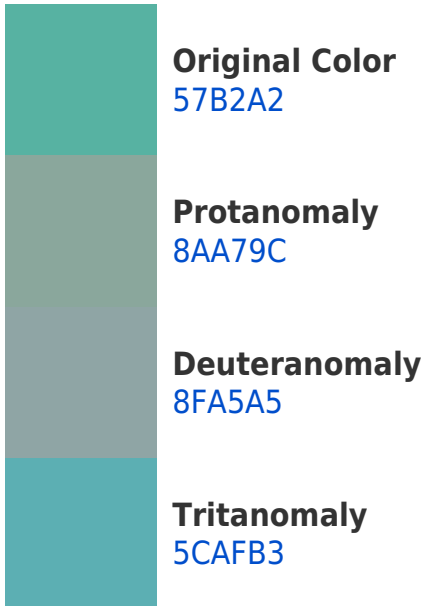
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

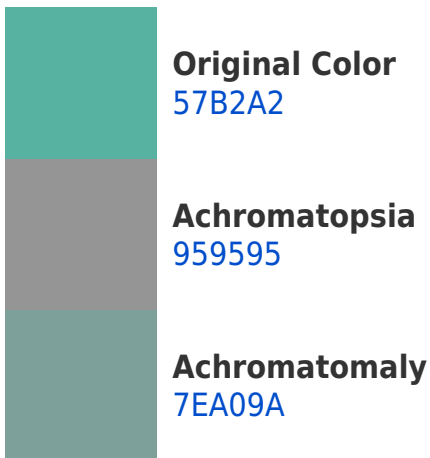




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57B2A2 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 #57B2A2 looks like.

```
.text, #text, p{  
    color:#57B2A2  
}
```

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 #57B2A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B2A2
}
```

Border

The CSS property to change the border of an element to Hex 57B2A2 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
#57B2A2 }
```

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

```
.border{ border-color:#57B2A2 }
```

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

Here you see how a box with a 4 pixel #57B2A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B2A2; -webkit-box-shadow:4px 4px  
4px 4px #57B2A2; box-shadow:4px 4px 4px  
4px #57B2A2 }
```

Background

The CSS property to change the background color of an element to Hex 57B2A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B2A2 }
```

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

```
.background{ background-color:#57B2A2 }
```

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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