

Converting Colors

Hex(57A28D)

Have a look what the booklet for
Hex(57A28D) contains.

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Color

Hex(57A28D)

Conversions

Conversions Part 1

Format	Color
Hex	57A28D
RGB	87, 162, 141
RGB Percent	34%, 64%, 55%
CMY	0.6588, 0.3647, 0.4471
CMYK	0.46, 0.00, 0.13, 0.36
HSL	163°, 30%, 49%
HSV	163°, 46%, 64%
XYZ	21.6585, 29.7900, 29.8078
YIQ	137.1810, -37.9590, -22.4310

Conversions

Conversions Part 2

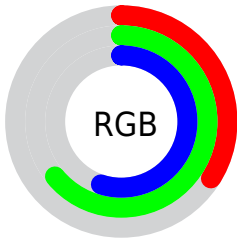
Format	Color
RYB	87, 131, 162
Decimal	5743245
CIELab	61.47, -28.54, 3.71
CIElCh	61, 28.775, 172.592
Yxy	29.7900, 0.2665, 0.3666
Android (android.graphics.Color)	4283933325 (0xFF57A28D)
YUV	137.1810, 1.8828, -44.0087
Hunter-Lab	54.5802, -24.6829, 5.8262

Details

The Hex color **57A28D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A2576C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8DD9C3**, and **1F6E5B** is the 20% darker color. If you saturate the color by 10%, you get **47A288**, and if you desaturate by 10%, it is **67A292**.

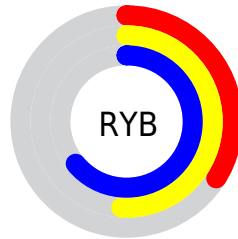
Distribution



Red (34%)

Green (64%)

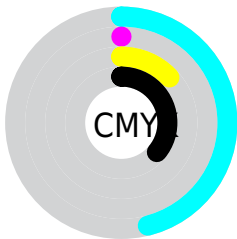
Blue (55%)



Red (34%)

Yellow (51%)

Blue (64%)

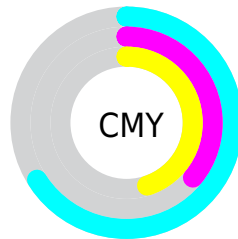


Cyan (46%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (66%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57A28D 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 57A28D by changing the saturation by 10% instead.

 57A28D

 57A28D

FFFFFF

 3C8873

 8DD9C3

 1F6E5B

 A9F6DE

 005544

 C5FFFB

 003D2D

 E2FFFF

 002719

 000A00

 000000

 57A28D

 57A28D

 47A288

 67A292

 37A284

 77A296

 26A27F

 88A29B

 16A27B

 98A29F

 06A276

 A8A2A4

 00A275

 B8A2A8

 C8A2AD

 D9A2B1

 E9A2B6

Harmonies

Analogous

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



759F75



57A28D



41A2A7

Triad

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



57A28D



8F90C3



BF886D

Complementary

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



57A28D



A2576C

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.



C78282



57A28D



AF87B4

Square

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



57A28D



6999C6



C2829C



AC9162

Rectangle

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



57A28D



41A0B6



C2829C



C38673

Sweetspot

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



57A28D



B6D4CB



6CA257



596B66



EBEBEB



6B6B6B

Same Dimension

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



57A28D



5DD4B2



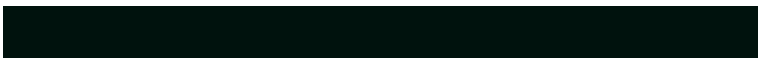
5792A2



49524F



009169



00120D

Inverse Universe

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



A2576C



D45D7E



A26757



52494C



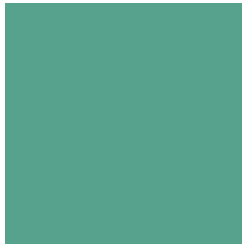
910029



120005

Previews

White Background



This preview shows how the Hex color 57A28D looks on a white background.

Color Contrast Check

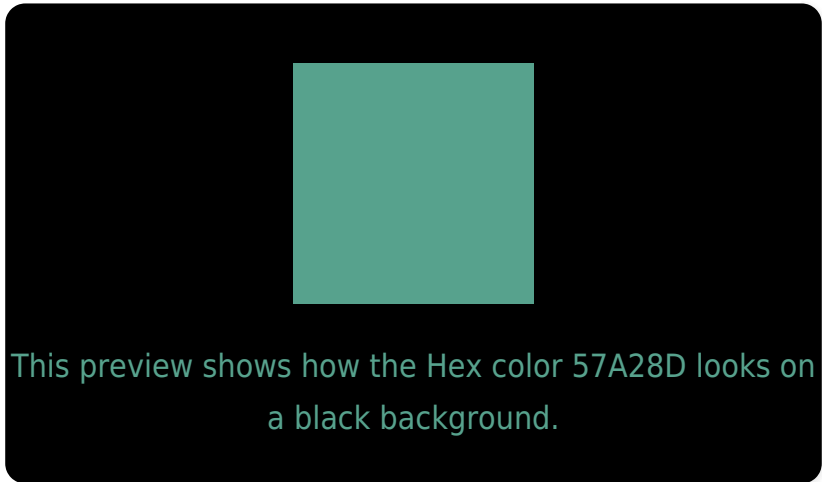
Large Text (above 18pt) WCAG AA ✓ Pass

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

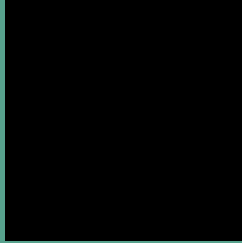
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 57A28D Background



This preview shows how black text looks on a background with the Hex color 57A28D.

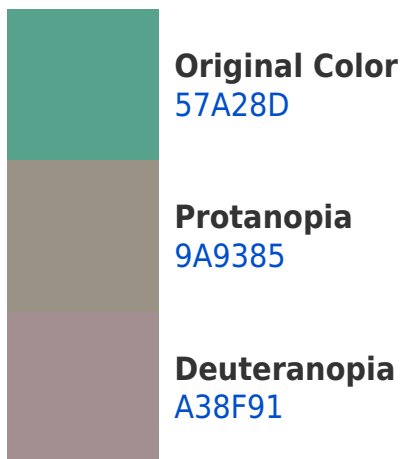


This preview shows how white text looks on a background with the Hex color 57A28D.

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](#).

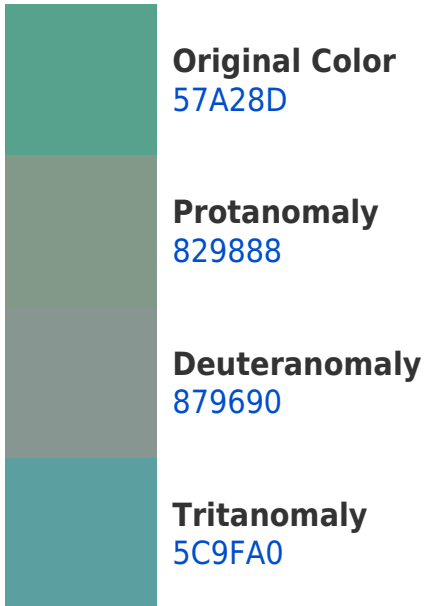
Dichromacy



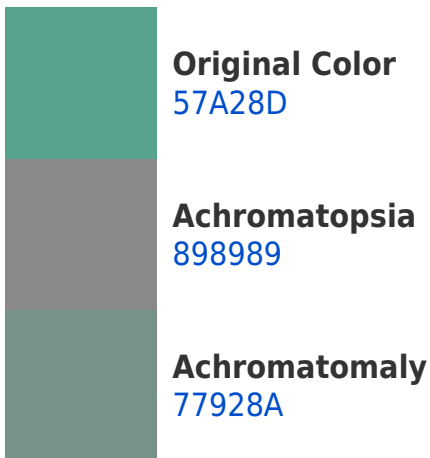


Tritanopia
5F9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57A28D 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 #57A28D looks like.

```
.text, #text, p{  
    color:#57A28D  
}
```

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 #57A28D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A28D
}
```

Border

The CSS property to change the border of an element to Hex 57A28D 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
#57A28D }
```

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

```
.border{ border-color:#57A28D }
```

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

Here you see how a box with a 4 pixel #57A28D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A28D; -webkit-box-shadow:4px 4px  
4px 4px #57A28D; box-shadow:4px 4px 4px  
4px #57A28D }
```

Background

The CSS property to change the background color of an element to Hex 57A28D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A28D }
```

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

```
.background{ background-color:#57A28D }
```

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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