

Converting Colors

Hex(57A384)

Have a look what the booklet for
Hex(57A384) contains.

Hex(57A384)	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(57A384)

Conversions

Conversions Part 1

Format	Color
Hex	57A384
RGB	87, 163, 132
RGB Percent	34%, 64%, 52%
CMY	0.6588, 0.3608, 0.4824
CMYK	0.47, 0.00, 0.19, 0.36
HSL	156°, 30%, 49%
HSV	156°, 47%, 64%
XYZ	21.1925, 29.8866, 26.4815
YIQ	136.7420, -35.3450, -25.7530

Conversions

Conversions Part 2

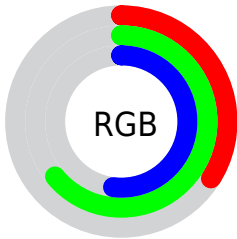
Format	Color
RYB	87, 135, 163
Decimal	5743492
CIELab	61.56, -31.10, 8.88
CIElCh	62, 32.344, 164.071
Yxy	29.8866, 0.2732, 0.3853
Android (android.graphics.Color)	4283933572 (0xFF57A384)
YUV	136.7420, -2.3378, -43.6237
Hunter-Lab	54.6686, -26.4737, 9.5479

Details

The Hex color **57A384** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A35776**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8DDAB9**, and **1F6F53** is the 20% darker color. If you saturate the color by 10%, you get **47A37D**, and if you desaturate by 10%, it is **67A38B**.

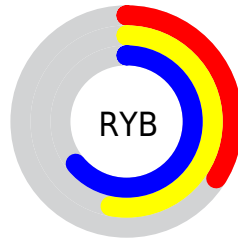
Distribution



Red (34%)

Green (64%)

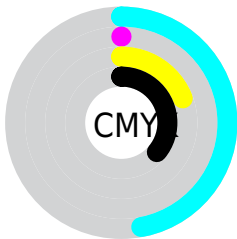
Blue (52%)



Red (34%)

Yellow (53%)

Blue (64%)

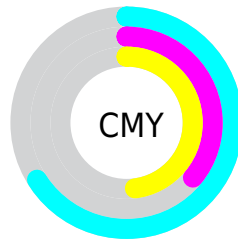


Cyan (47%)

Magenta (0%)

Yellow (19%)

Black (36%)



Cyan (66%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57A384 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 57A384 by changing the saturation by 10% instead.

 57A384

 57A384

FFFFFF

 3C886B

 8DDAB9

 1F6F53

 A9F7D5

 00563B

 C5FFF1

 003E26

 E2FFFF

 002811

 000B00

 000000

 57A384

 57A384

 47A37D

 67A38B

 36A377

 78A391

 26A370

 88A398

 16A369

 98A39F

 06A363

 A9A3A5

 00A361

 B9A3AC

 C9A3B3

 D9A3B9

 EAA3C0

Harmonies

Analogous

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



7A9F6B



57A384



33A4A2

Triad

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



57A384



8293CC



C7846E

Complementary

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



57A384



A35776

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.



CD7F88



57A384



A988BE

Square

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



57A384



539CCB



C380A5



B58E5E

Rectangle

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



57A384



26A3B4



C380A5



CB8276

Sweetspot

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



57A384



B6D4C8



77A357



596B64



EBEBEB



6B6B6B

Same Dimension

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



57A384



5DD4A3



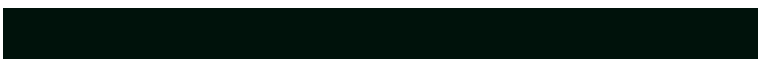
579DA3



49524E



009156



00120B

Inverse Universe

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



A35776



D45D8D



A35D57



52494D



91003B



120007

Previews

White Background



This preview shows how the Hex color 57A384 looks on a white background.

Color Contrast Check

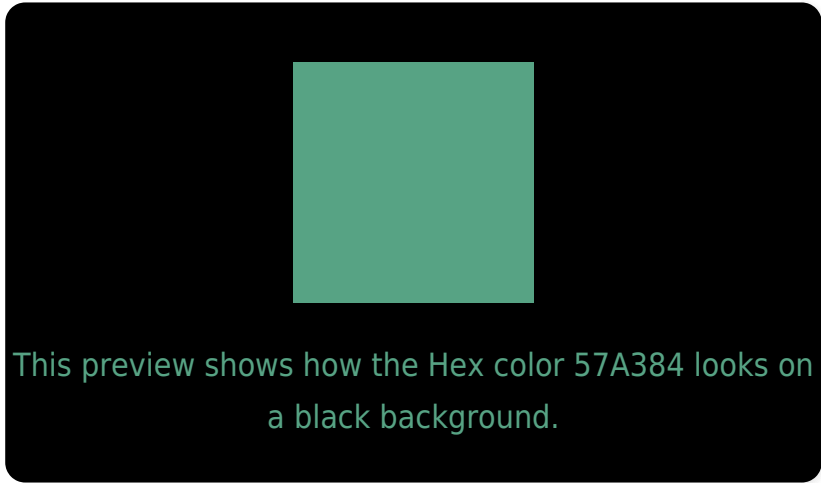
Large Text (above 18pt) WCAG AA ✓ Pass

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

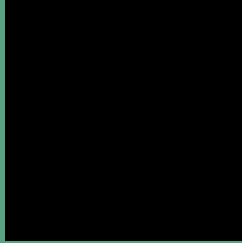
Any Text WCAG AA ✓ Pass

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 57A384 Background



This preview shows how black text looks on a background with the Hex color 57A384.

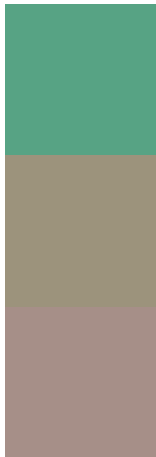


This preview shows how white text looks on a background with the Hex color 57A384.

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



Original Color
57A384

Protanopia
9C937C

Deuteranopia
A68F88

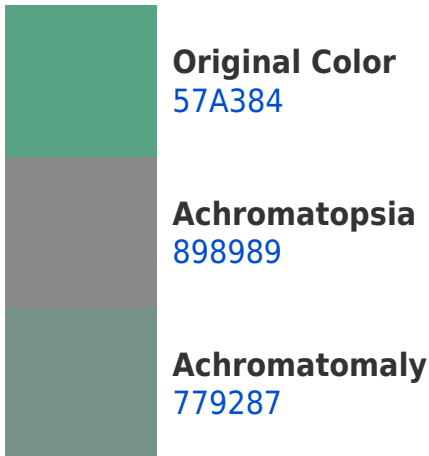


Tritanopia
619EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57A384 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 #57A384 looks like.

```
.text, #text, p{  
    color:#57A384  
}
```

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 #57A384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A384
}
```

Border

The CSS property to change the border of an element to Hex 57A384 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
#57A384 }
```

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

```
.border{ border-color:#57A384 }
```

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

Here you see how a box with a 4 pixel #57A384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A384; -webkit-box-shadow:4px 4px  
4px 4px #57A384; box-shadow:4px 4px 4px  
4px #57A384 }
```

Background

The CSS property to change the background color of an element to Hex 57A384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A384 }
```

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

```
.background{ background-color:#57A384 }
```

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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