

Converting Colors

Hex(588B75)

Have a look what the booklet for
Hex(588B75) contains.

Hex(588B75)	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(588B75)

Conversions

Conversions Part 1

Format	Color
Hex	588B75
RGB	88, 139, 117
RGB Percent	35%, 55%, 46%
CMY	0.6549, 0.4549, 0.5412
CMYK	0.37, 0.00, 0.16, 0.45
HSL	154°, 22%, 45%
HSV	154°, 37%, 55%
XYZ	16.4680, 21.8243, 20.1742
YIQ	121.2430, -23.3340, -17.6540

Conversions

Conversions Part 2

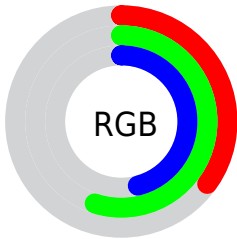
Format	Color
RYB	88, 121, 139
Decimal	5802869
CIELab	53.84, -22.29, 6.40
CIElCh	54, 23.191, 163.992
Yxy	21.8243, 0.2817, 0.3733
Android (android.graphics.Color)	4283992949 (0xFF588B75)
YUV	121.2430, -2.0918, -29.1541
Hunter-Lab	46.7165, -18.8309, 7.0976

Details

The Hex color **588B75** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B586E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8CC1A9**, and **265945** is the 20% darker color. If you saturate the color by 10%, you get **4A8B6F**, and if you desaturate by 10%, it is **668B7B**.

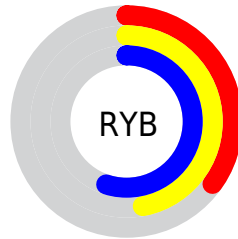
Distribution



Red (35%)

Green (55%)

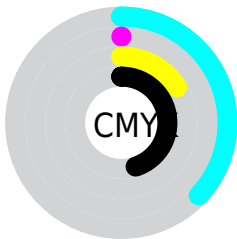
Blue (46%)



Red (35%)

Yellow (47%)

Blue (55%)

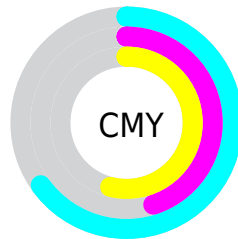


Cyan (37%)

Magenta (0%)

Yellow (16%)

Black (45%)



Cyan (65%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 588B75 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 588B75 by changing the saturation by 10% instead.



588B75



588B75

FFFFFF



3F715C



8CC1A9



265945



A7DDC4



0C412F



C2F9E0



002A1A



DFFFFD



001600



FFFFFFF



000000



588B75



588B75



4A8B6F



668B7B



3C8B69



748B81

■ 2E8B63

■ 828B87

■ 208B5D

■ 908B8D

■ 138B57

■ 9E8B93

■ 058B51

■ AB8B99

■ 008B4F

■ B98B9F

■ C78BA5

■ D58BAB

Harmonies

Analogous

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



6F8863



588B75



468C8A

Triad

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



588B75



757FA7



A57566

Complementary

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



588B75



8B586E

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.



A97278



588B75



8F789E

Square

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



588B75



5886A7



A2738C



997C5B

Rectangle

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



588B75



428B96



A2738C



A8746B

Sweetspot

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



588B75



A1B5AC



6E8B58



505C57



DBDBDB



5C5C5C

Same Dimension

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



588B75



65B593



58888B



3E4542



00854B



000503

Inverse Universe

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



8B586E



B56588



8B5B58



453E41



850039



050002

Previews

White Background



This preview shows how the Hex color 588B75 looks on a white background.

Color Contrast Check

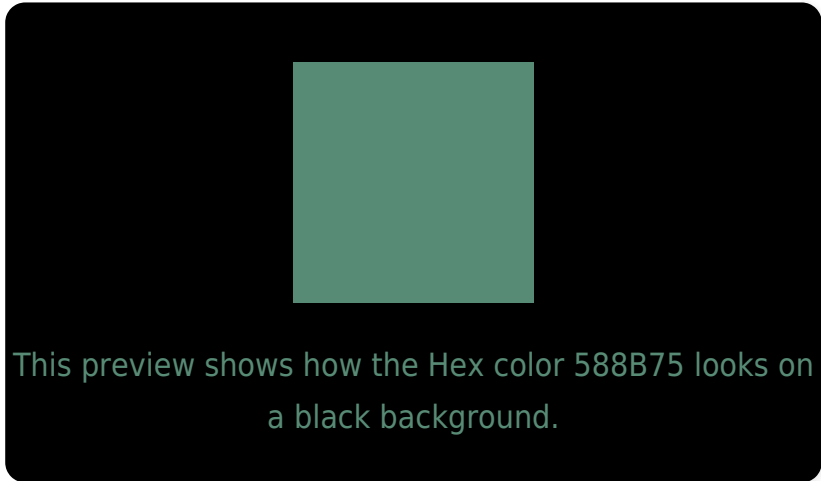
Large Text (above 18pt) WCAG AA ✓ Pass

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

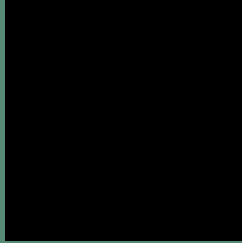
Any Text WCAG AA ✓ Pass

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 588B75 Background



This preview shows how black text looks on a background with the Hex color 588B75.

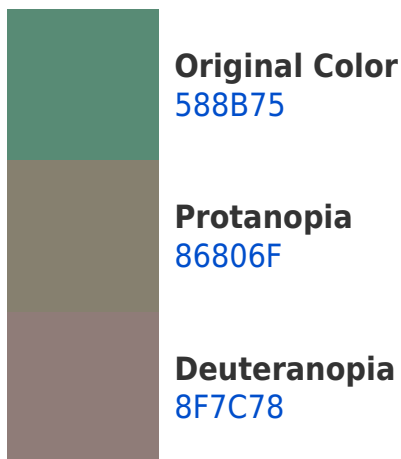


This preview shows how white text looks on a background with the Hex color 588B75.

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



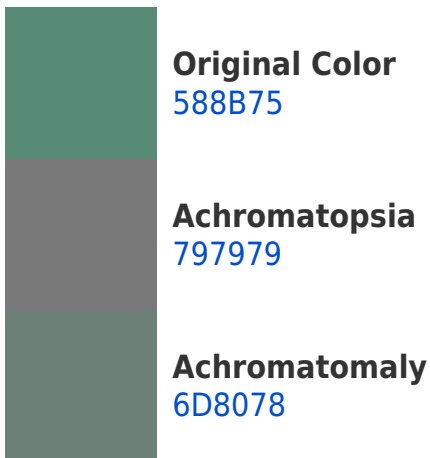


Tritanopia
5F8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 588B75 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 #588B75 looks like.

```
.text, #text, p{  
    color:#588B75  
}
```

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 #588B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588B75
}
```

Border

The CSS property to change the border of an element to Hex 588B75 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
#588B75 }
```

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

```
.border{ border-color:#588B75 }
```

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

Here you see how a box with a 4 pixel #588B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588B75; -webkit-box-shadow:4px 4px  
4px 4px #588B75; box-shadow:4px 4px 4px  
4px #588B75 }
```

Background

The CSS property to change the background color of an element to Hex 588B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588B75 }
```

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

```
.background{ background-color:#588B75 }
```

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