

Converting Colors

Hex(577A42)

Have a look what the booklet for
Hex(577A42) contains.

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Color

Hex(577A42)

Conversions

Conversions Part 1

Format	Color
Hex	577A42
RGB	87, 122, 66
RGB Percent	34%, 48%, 26%
CMY	0.6588, 0.5216, 0.7412
CMYK	0.29, 0.00, 0.46, 0.52
HSL	98°, 30%, 37%
HSV	98°, 46%, 48%
XYZ	11.8734, 16.3387, 7.6821
YIQ	105.1510, -2.8840, -24.8360

Conversions

Conversions Part 2

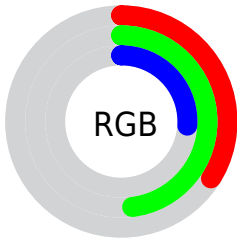
Format	Color
RYB	66, 122, 101
Decimal	5732930
CIELab	47.42, -23.40, 26.69
CIELCh	47, 35.496, 131.232
Yxy	16.3387, 0.3308, 0.4552
Android (android.graphics.Color)	4283923010 (0xFF577A42)
YUV	105.1510, -19.3014, -15.9184
Hunter-Lab	40.4211, -18.3039, 17.0265

Details

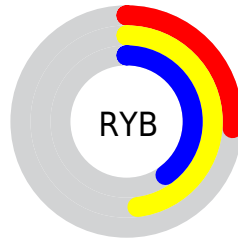
The Hex color **577A42** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65427A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8AAF73**, and **274914** is the 20% darker color. If you saturate the color by 10%, you get **4F7A36**, and if you desaturate by 10%, it is **5F7A4E**.

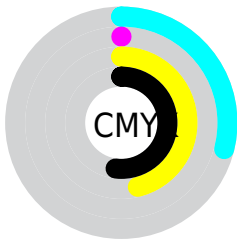
Distribution



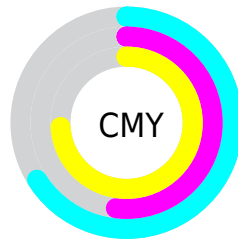
- Red (34%)
- Green (48%)
- Blue (26%)



- Red (26%)
- Yellow (48%)
- Blue (40%)



- Cyan (29%)
- Magenta (0%)
- Yellow (46%)
- Black (52%)



- Cyan (66%)
- Magenta (52%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 577A42 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 577A42 by changing the saturation by 10% instead.



577A42



577A42

FFFFFF



3F612B



8AAF73



274914



A5CA8D



103200



C1E6A7



001F00



DDFFC3



000000



FAFFDF

FFFFFFC



577A42



577A42



4F7A36



5F7A4E

■ 487A2A

■ 667A5A

■ 407A1D

■ 6E7A67

■ 397A11

■ 767A73

■ 317A05

■ 7D7A7F

■ 2E7A00

■ 857A8B

■ 8C7A97

■ 947AA4

■ 9C7AB0

Harmonies

Analogous

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



787234



577A42



2B7E5C

Triad

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



577A42



0079A9



A95866

Complementary

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



577A42



65427A

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.



9E5A84



577A42



5470AB

Square

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



577A42



007E97



82649E



A45E4B

Rectangle

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



577A42



008071



82649E



A75870

Sweetspot

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



577A42



909E88



7A6542



474F42



CFCFCF



4F4F4F

Same Dimension

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



577A42



689E47



427A49



393D37



2F7D00



5FFC00

Inverse Universe

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



65427A



7D479E



7A4273



3B373D



4E007D



9E00FC

Previews

White Background



This preview shows how the Hex color 577A42 looks on a white background.

Color Contrast Check

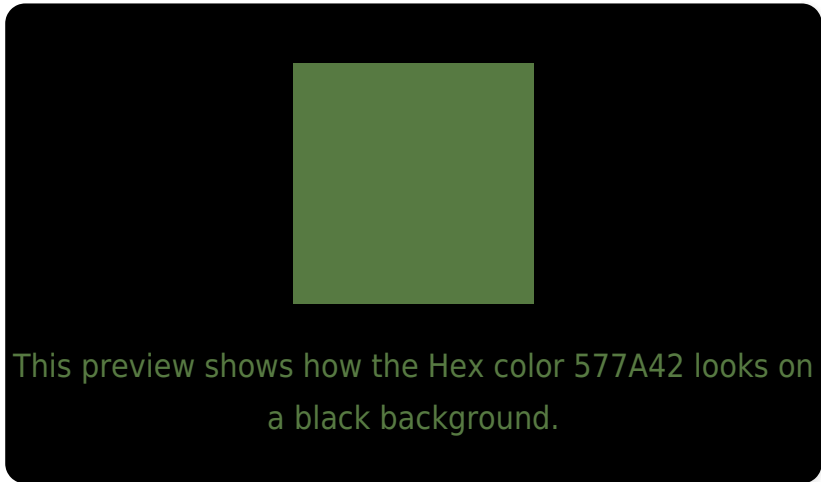
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

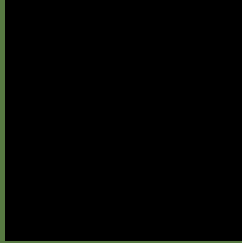
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 577A42 Background



This preview shows how black text looks on a background with the Hex color 577A42.



This preview shows how white text looks on a background with the Hex color 577A42.

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
577A42

Protanopia
7B703E

Deuteranopia
886B46



Tritanopia
60737D

Trichromacy



Original Color
577A42

Protanomaly
6E743F

Deuteranomaly
767045

Tritanomaly
5D7668

Monochromacy



Original Color
577A42

Achromatopsia
696969

Achromatomaly
626F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 577A42 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 #577A42 looks like.

```
.text, #text, p{  
    color:#577A42  
}
```

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 #577A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577A42
}
```

Border

The CSS property to change the border of an element to Hex 577A42 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
#577A42 }
```

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

```
.border{ border-color:#577A42 }
```

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

Here you see how a box with a 4 pixel #577A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577A42; -webkit-box-shadow:4px 4px  
4px 4px #577A42; box-shadow:4px 4px 4px  
4px #577A42 }
```

Background

The CSS property to change the background color of an element to Hex 577A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577A42 }
```

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

```
.background{ background-color:#577A42 }
```

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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