

Converting Colors

Hex(577C22)

Have a look what the booklet for
Hex(577C22) contains.

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Color

Hex(577C22)

Conversions

Conversions Part 1

Format	Color
Hex	577C22
RGB	87, 124, 34
RGB Percent	34%, 49%, 13%
CMY	0.6588, 0.5137, 0.8667
CMYK	0.30, 0.00, 0.73, 0.51
HSL	85°, 57%, 31%
HSV	85°, 73%, 49%
XYZ	11.4269, 16.5570, 4.1069
YIQ	102.6770, 6.8380, -35.8340

Conversions

Conversions Part 2

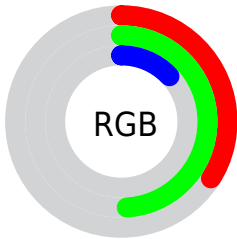
Format	Color
RYB	34, 124, 71
Decimal	5733410
CIELab	47.70, -27.78, 42.75
CIELCh	48, 50.983, 123.019
Yxy	16.5570, 0.3561, 0.5159
Android (android.graphics.Color)	4283923490 (0xFF577C22)
YUV	102.6770, -33.8578, -13.7487
Hunter-Lab	40.6903, -21.0808, 22.4990

Details

The Hex color **577C22** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **47227C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8CB154**, and **254B00** is the 20% darker color. If you saturate the color by 10%, you get **527C16**, and if you desaturate by 10%, it is **5C7C2E**.

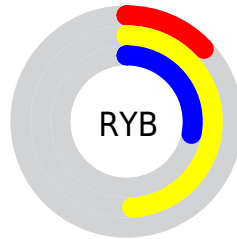
Distribution



Red (34%)

Green (49%)

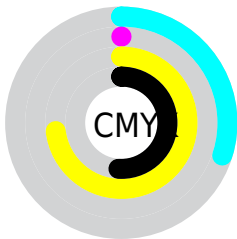
Blue (13%)



Red (13%)

Yellow (49%)

Blue (28%)

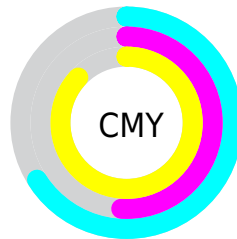


Cyan (30%)

Magenta (0%)

Yellow (73%)

Black (51%)



Cyan (66%)

Magenta (51%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 577C22 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 577C22 by changing the saturation by 10% instead.

 577C22

 577C22

FFFFFF

 3D6304

 8CB154

 254B00

 A7CC6E

 073400

 C3E988

 002000

 E0FFA3

 000000

 FDFFBF

 FFFFDB

 FFFFF8

 577C22

 577C22

■ 527C16

■ 5C7C2E

■ 4D7C09

■ 617C3B

■ 497C00

■ 667C47

■ 6B7C54

■ 707C60

■ 767C6C

■ 7B7C79

■ 807C85

■ 857C92

Harmonies

Analogous

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



83710D



577C22



008348

Triad

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



577C22



0080BD



BD476F

Complementary

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



577C22



47227C

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.



A85199



577C22



0075C7

Square

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



577C22



00859F



7764BA



BB4F45

Rectangle

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



577C22



008565



7764BA



B9497D

Sweetspot

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



577C22



92A17D



7C4622



49523C



D1D1D1



525252

Same Dimension

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



577C22



67A115



2B7C22



3B3D37



4A7D00



95FC00

Inverse Universe

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



47227C



4E15A1



73227C



3A373D



33007D



6800FC

Previews

White Background



This preview shows how the Hex color 577C22 looks on a white background.

Color Contrast Check

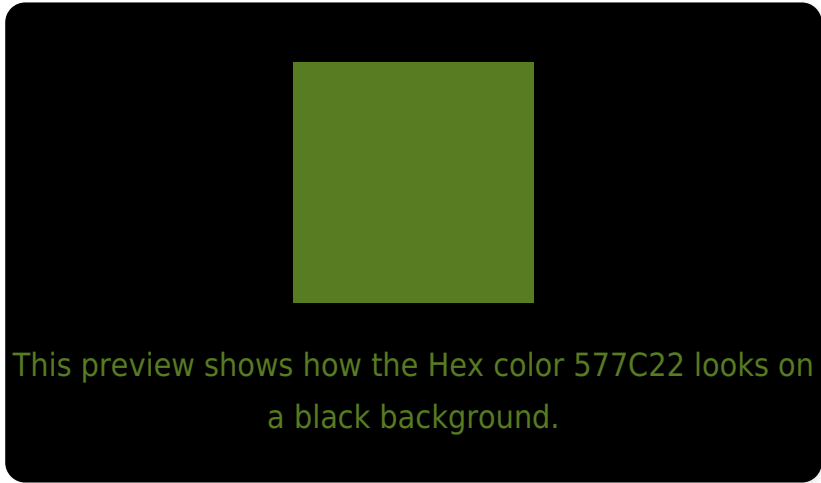
Large Text (above 18pt) WCAG AA ✓ Pass

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

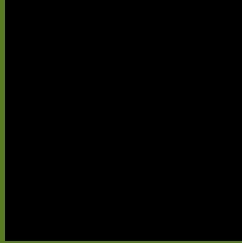
Any Text WCAG AA × Fail

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 577C22 Background



This preview shows how black text looks on a background with the Hex color 577C22.



This preview shows how white text looks on a background with the Hex color 577C22.

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
577C22

Protanopia
7F711F

Deuteranopia
8D6B29

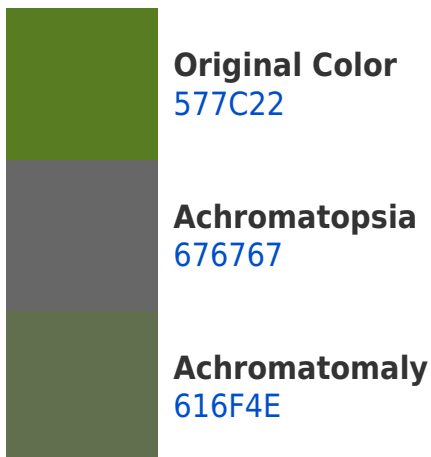


Tritanopia
62747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 577C22 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 #577C22 looks like.

```
.text, #text, p{  
    color:#577C22  
}
```

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 #577C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577C22
}
```

Border

The CSS property to change the border of an element to Hex 577C22 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
#577C22 }
```

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

```
.border{ border-color:#577C22 }
```

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

Here you see how a box with a 4 pixel #577C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577C22; -webkit-box-shadow:4px 4px  
4px 4px #577C22; box-shadow:4px 4px 4px  
4px #577C22 }
```

Background

The CSS property to change the background color of an element to Hex 577C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577C22 }
```

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

```
.background{ background-color:#577C22 }
```

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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