

Converting Colors

Hex(576238)

Have a look what the booklet for
Hex(576238) contains.

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Color

Hex(576238)

Conversions

Conversions Part 1

Format	Color
Hex	576238
RGB	87, 98, 56
RGB Percent	34%, 38%, 22%
CMY	0.6588, 0.6157, 0.7804
CMYK	0.11, 0.00, 0.43, 0.62
HSL	76°, 27%, 30%
HSV	76°, 43%, 38%
XYZ	9.0120, 11.0471, 5.3987
YIQ	89.9230, 6.9260, -15.3940

Conversions

Conversions Part 2

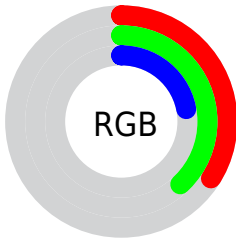
Format	Color
RYB	56, 98, 67
Decimal	5726776
CIELab	39.66, -11.91, 22.49
CIELCh	40, 25.451, 117.914
Yxy	11.0471, 0.3540, 0.4339
Android (android.graphics.Color)	4283916856 (0xFF576238)
YUV	89.9230, -16.7240, -2.5635
Hunter-Lab	33.2372, -9.7665, 13.6356

Details

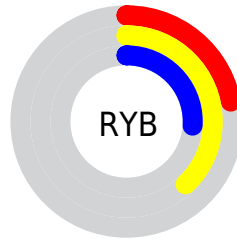
The Hex color **576238** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **433862**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8A9568**, and **28340C** is the 20% darker color. If you saturate the color by 10%, you get **54622E**, and if you desaturate by 10%, it is **5A6242**.

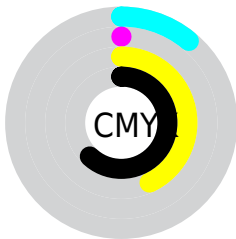
Distribution



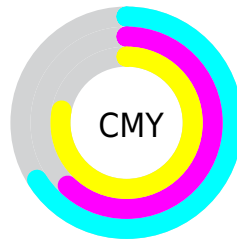
- Red (34%)
- Green (38%)
- Blue (22%)



- Red (22%)
- Yellow (38%)
- Blue (26%)



- Cyan (11%)
- Magenta (0%)
- Yellow (43%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576238 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 576238 by changing the saturation by 10% instead.



576238



576238

FFFFFF



3F4A22



8A9568



28340C



A4AF81



141E00



BFCB9B



000000



DBE7B6



F8FFD2



FFFEE



576238



576238



54622E



5A6242

■ 526224

■ 5C624C

■ 4F621B

■ 5F6255

■ 4D6211

■ 61625F

■ 4A6207

■ 646269

■ 486200

■ 666273

■ 69627D

■ 6C6286

■ 6E6290

Harmonies

Analogous

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



6C5C34



576238



3E6647

Triad

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



576238



126580



834D60

Complementary

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



576238



433862

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.



765174



576238



3C6087

Square

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



576238



006870



5E5982



854F4B

Rectangle

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



576238



2B6854



5E5982



804E67

Sweetspot

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



576238



7B806F



624338



3D4036



BFBFBF



404040

Same Dimension

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



576238



6E803E



436238



2F302C



537000



B1F000

Inverse Universe

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



433862



503E80



583862



2D2C30



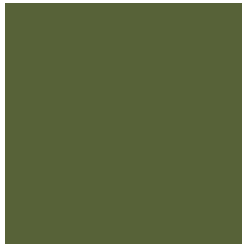
1D0070



3F00F0

Previews

White Background



This preview shows how the Hex color 576238 looks on a white background.

Color Contrast Check

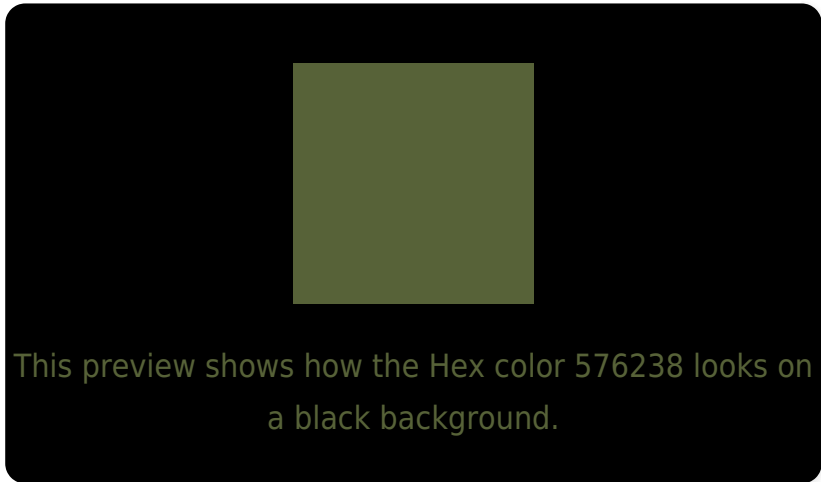
Large Text (above 18pt) WCAG AA ✓ Pass

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

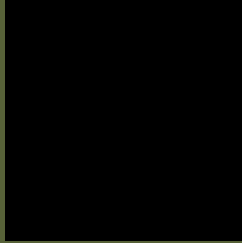
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

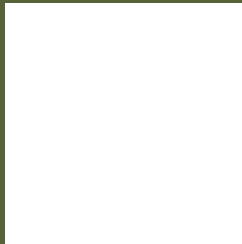
Any Text WCAG AAA × Fail

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

Hex 576238 Background



This preview shows how black text looks on a background with the Hex color 576238.



This preview shows how white text looks on a background with the Hex color 576238.

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
576238

Protanopia
665D36

Deuteranopia
71593A



Tritanopia
5D5D64

Trichromacy



Original Color
576238

Protanomaly
615F37

Deuteranomaly
685C39

Tritanomaly
5B5F54

Monochromacy



Original Color
576238

Achromatopsia
5A5A5A

Achromatomaly
595D4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 576238 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 #576238 looks like.

```
.text, #text, p{  
    color:#576238  
}
```

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 #576238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576238  
}
```

Border

The CSS property to change the border of an element to Hex 576238 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  
#576238 }
```

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

```
.border{ border-color:#576238 }
```

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

Here you see how a box with a 4 pixel #576238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576238; -webkit-box-shadow:4px 4px  
4px 4px #576238; box-shadow:4px 4px 4px  
4px #576238 }
```

Background

The CSS property to change the background color of an element to Hex 576238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576238 }
```

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

```
.background{ background-color:#576238 }
```

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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