

Converting Colors

Hex(56572C)

Have a look what the booklet for
Hex(56572C) contains.

Hex(56572C)	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(56572C)

Conversions

Conversions Part 1

Format	Color
Hex	56572C
RGB	86, 87, 44
RGB Percent	34%, 34%, 17%
CMY	0.6627, 0.6588, 0.8275
CMYK	0.01, 0.00, 0.49, 0.66
HSL	61°, 33%, 26%
HSV	61°, 49%, 34%
XYZ	7.7006, 8.9767, 3.7097
YIQ	81.7990, 13.2070, -13.5850

Conversions

Conversions Part 2

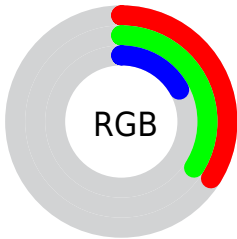
Format	Color
R_{YB}	44, 87, 45
Decimal	5658412
CIE _{Lab}	35.94, -7.52, 24.71
CIE _{LCh}	36, 25.833, 106.930
Yxy	8.9767, 0.3777, 0.4403
Android (android.graphics.Color)	4283848492 (0xFF56572C)
YUV	81.7990, -18.6349, 3.6843
Hunter-Lab	29.9611, -6.5540, 13.6317

Details

The Hex color **56572C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D2C57**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **89895B**, and **282A00** is the 20% darker color. If you saturate the color by 10%, you get **565723**, and if you desaturate by 10%, it is **565735**.

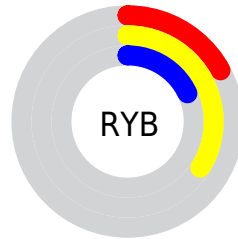
Distribution



Red (34%)

Green (34%)

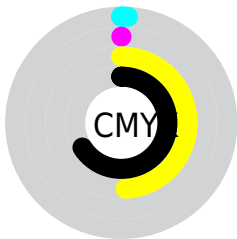
Blue (17%)



Red (17%)

Yellow (34%)

Blue (18%)

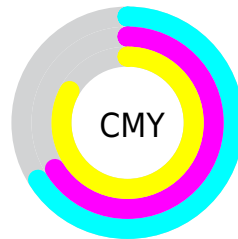


Cyan (1%)

Magenta (0%)

Yellow (49%)

Black (66%)



Cyan (66%)

Magenta (66%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56572C 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 56572C by changing the saturation by 10% instead.

■ 56572C

■ 56572C

FFFFFF

■ 3E4016

■ 89895B

■ 282A00

■ A3A374

■ 0D1600

■ BFBE8D

■ 000000

■ DBDAA8

■ F8F6C3

■ FFFFDF

■ FFFFFC

■ 56572C

■ 56572C

■ 565723

■ 565735

■ 56571B

■ 56573D

■ 555712

■ 575746

■ 555709

■ 57574F

■ 555701

■ 575758

■ 555700

■ 575760

■ 575769

■ 585772

■ 58577A

Harmonies

Analogous

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



69502C



56572C



3F5C37

Triad

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



56572C



005E72



77455E

Complementary

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



56572C



2D2C57

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.



654B71



56572C



21597C

Square

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



56572C



005F60



49537C



7C444A

Rectangle

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



56572C



2C5E44



49537C



724665

Sweetspot

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



56572C



70705F



572D2C



38382E



B8B8B8



383838

Same Dimension

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



56572C



6F702E



41572C



2B2B27



696B00



E5EB00

Inverse Universe

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



2D2C57



302E70



422C57



27272B



02006B



0500EB

Previews

White Background



This preview shows how the Hex color 56572C looks on a white background.

Color Contrast Check

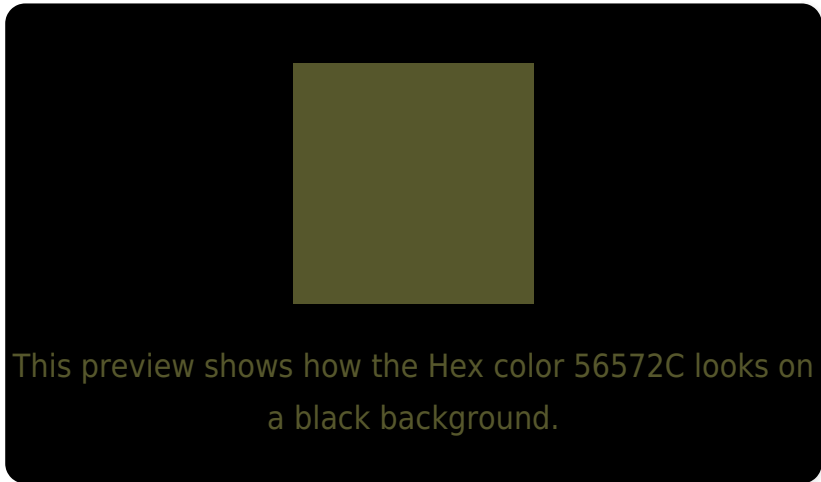
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

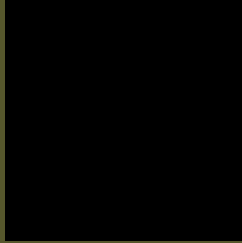
Any Text WCAG AA × Fail

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 56572C Background



This preview shows how black text looks on a background with the Hex color 56572C.



This preview shows how white text looks on a background with the Hex color 56572C.

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
56572C

Protanopia
5D552B

Deuteranopia
67512E



Tritanopia
5B5259

Trichromacy



Original Color
56572C

Protanomaly
5A562B

Deuteranomaly
61532D

Tritanomaly
595449

Monochromacy



Original Color
56572C

Achromatopsia
525252

Achromatomaly
535444

CSS Examples

Text

The CSS property to change the color of the text to Hex 56572C 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 #56572C looks like.

```
.text, #text, p{  
    color:#56572C  
}
```

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 #56572C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56572C
}
```

Border

The CSS property to change the border of an element to Hex 56572C 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
#56572C }
```

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

```
.border{ border-color:#56572C }
```

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

Here you see how a box with a 4 pixel #56572C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56572C; -webkit-box-shadow:4px 4px  
4px 4px #56572C; box-shadow:4px 4px 4px  
4px #56572C }
```

Background

The CSS property to change the background color of an element to Hex 56572C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56572C }
```

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

```
.background{ background-color:#56572C }
```

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