

Converting Colors

Hex(56442F)

Have a look what the booklet for
Hex(56442F) contains.

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Color

Hex(56442F)

Conversions

Conversions Part 1

Format	Color
Hex	56442F
RGB	86, 68, 47
RGB Percent	34%, 27%, 18%
CMY	0.6627, 0.7333, 0.8157
CMYK	0.00, 0.21, 0.45, 0.66
HSL	32°, 29%, 26%
HSV	32°, 45%, 34%
XYZ	6.4180, 6.3179, 3.5705
YIQ	70.9880, 17.4690, -2.7150

Conversions

Conversions Part 2

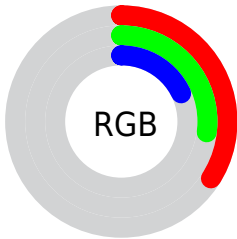
Format	Color
RYB	80, 86, 47
Decimal	5653551
CIELab	30.20, 4.46, 15.64
CIElCh	30, 16.265, 74.070
Yxy	6.3179, 0.3936, 0.3874
Android (android.graphics.Color)	4283843631 (0xFF56442F)
YUV	70.9880, -11.8261, 13.1655
Hunter-Lab	25.1355, 1.5902, 9.1726

Details

The Hex color **56442F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F4156**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **89745D**, and **281900** is the 20% darker color. If you saturate the color by 10%, you get **564026**, and if you desaturate by 10%, it is **564838**.

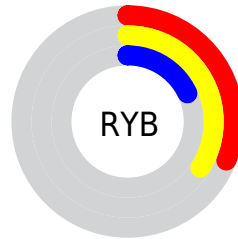
Distribution



Red (34%)

Green (27%)

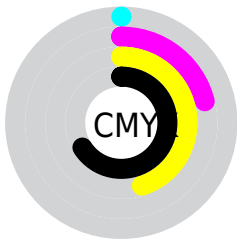
Blue (18%)



Red (31%)

Yellow (34%)

Blue (18%)

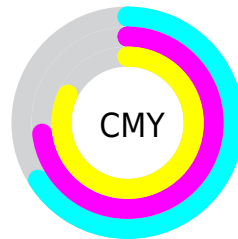


Cyan (0%)

Magenta (21%)

Yellow (45%)

Black (66%)



Cyan (66%)

Magenta (73%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56442F 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 56442F by changing the saturation by 10% instead.

■ 56442F

■ 56442F

FFFFFF

■ 3E2E1A

■ 89745D

■ 281900

■ A38E76

■ 0D0000

■ BFA890

■ 000000

■ DBC3AA

■ F8DFC5

■ FFFCE1

FFFFFFE

■ 56442F

■ 56442F

■ 564026

■ 564838

■ 563C1E

■ 564C40

■ 563815

■ 565049

■ 56340D

■ 565451

■ 563004

■ 56585A

■ 562E00

■ 565C63

■ 56606B

■ 566474

■ 56687C

Harmonies

Analogous

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



5E4036



56442F



4A482E

Triad

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



56442F



214E4D



504259

Complementary

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



56442F



2F4156

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.



3F4660



56442F



204D58

Square

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



56442F



2D4E40



2D4A5F



5C3E4E

Rectangle

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



56442F



414B32



2D4A5F



4B435C

Sweetspot

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



56442F



706960



562F41



38342F



B8B8B8



383838

Same Dimension

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



56442F



705434



55562F



2B2927



6B3A00



EB7E00

Inverse Universe

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



2F4156



345070



302F56



27292B



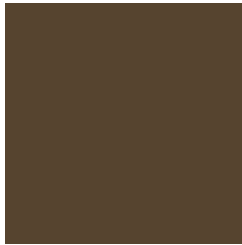
00316B



006CEB

Previews

White Background



This preview shows how the Hex color 56442F looks on a white background.

Color Contrast Check

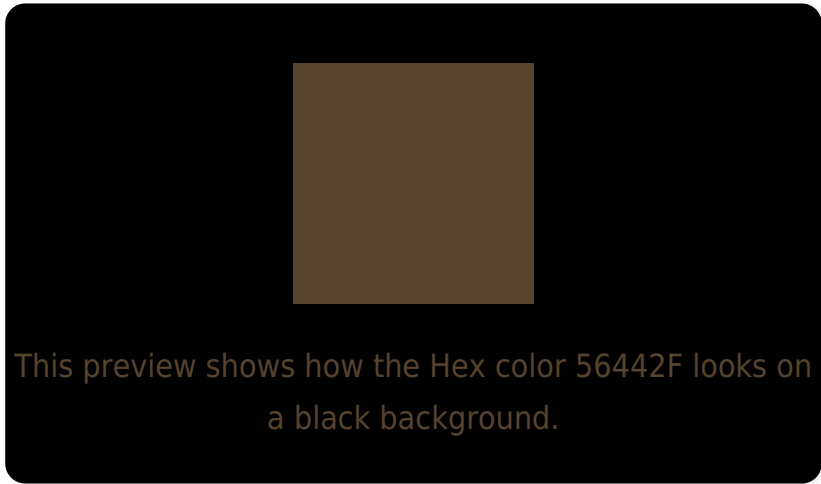
Large Text (above 18pt) WCAG AA ✓ Pass

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

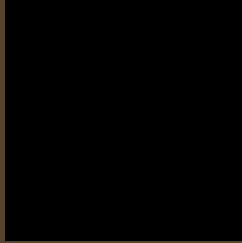
Any Text WCAG AA × Fail

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 56442F Background



This preview shows how black text looks on a background with the Hex color 56442F.

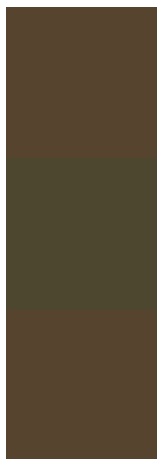


This preview shows how white text looks on a background with the Hex color 56442F.

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


56442F

Protanopia

4D4730

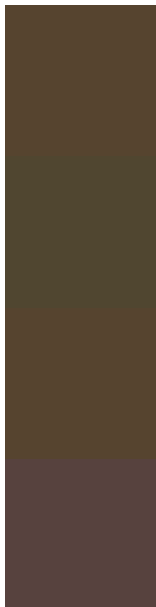
Deuteranopia

56442F



Tritanopia
584146

Trichromacy



Original Color

56442F

Protanomaly

504630

Deuteranomaly

56442F

Tritanomaly

57423E

Monochromacy



Original Color

56442F

Achromatopsia

474747

Achromatomaly

4C463E

CSS Examples

Text

The CSS property to change the color of the text to Hex 56442F 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 #56442F looks like.

```
.text, #text, p{  
    color:#56442F  
}
```

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 #56442F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56442F
}
```

Border

The CSS property to change the border of an element to Hex 56442F is called "border". The border property can be set on classes, ids or directly on the HTML element.

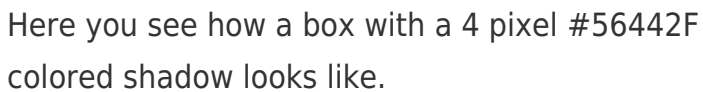
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56442F }
```

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

```
.border{ border-color:#56442F }
```

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



Here you see how a box with a 4 pixel #56442F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56442F; -webkit-box-shadow:4px 4px  
4px 4px #56442F; box-shadow:4px 4px 4px  
4px #56442F }
```

Background

The CSS property to change the background color of an element to Hex 56442F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56442F }
```

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

```
.background{ background-color:#56442F }
```

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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