

# Converting Colors

Hex(56372C)

Have a look what the booklet for  
Hex(56372C) contains.

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# Color

Hex(56372C)

# Conversions

## Conversions Part 1

Format	Color
Hex	56372C
RGB	86, 55, 44
RGB Percent	34%, 22%, 17%
CMY	0.6627, 0.7843, 0.8275
CMYK	0.00, 0.36, 0.49, 0.66
HSL	16°, 32%, 25%
HSV	16°, 49%, 34%
XYZ	5.6586, 4.8927, 3.0290
YIQ	63.0150, 22.0070, 3.1510

# Conversions

## Conversions Part 2

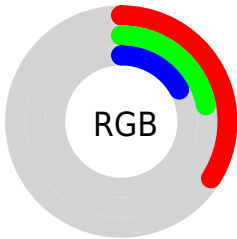
Format	Color
<b>R<sub>YB</sub></b>	86, 59, 44
Decimal	5650220
CIE Lab	26.43, 12.36, 12.55
CIE LCh	26, 17.615, 45.430
Yxy	4.8927, 0.4167, 0.3603
Android (android.graphics.Color)	4283840300 (0xFF56372C)
YUV	63.0150, -9.3744, 20.1578
Hunter-Lab	22.1194, 6.9549, 7.3644

# Details

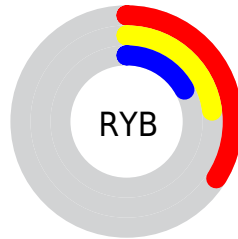
The Hex color **56372C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C4B56**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **89665A**, and **280C00** is the 20% darker color. If you saturate the color by 10%, you get **563123**, and if you desaturate by 10%, it is **563D35**.

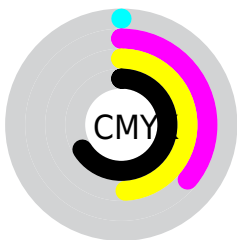
# Distribution



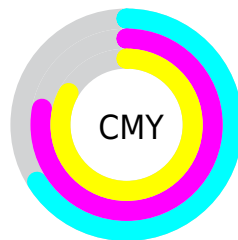
- Red (34%)
- Green (22%)
- Blue (17%)



- Red (34%)
- Yellow (23%)
- Blue (17%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (66%)



- Cyan (66%)
- Magenta (78%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56372C 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 56372C by changing the saturation by 10% instead.



 56372C

 56372C

FFFFFF

 3E2117

 89665A

 280C00

 A47F72

 000000

 C0998C

 DCB4A6

 F9D0C1

 FFECDD

 FFFFFA

 56372C

 56372C

■ 563123

■ 563D35

■ 562A1B

■ 56443D

■ 562412

■ 564A46

■ 561E0A

■ 56504E

■ 561701

■ 565757

■ 561700

■ 565D60

■ 566368

■ 566A71

■ 567079

# Harmonies

## Analogous

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



593438



56372C



4D3B25

# Triad

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



56372C



214537



373D58

# Complementary

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



56372C



2C4B56

# 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.



214258



56372C



104645

# Square

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



56372C



32432B



0E4551



493951

# Rectangle

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



56372C



453E24



0E4551



303F59



# Sweetspot

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



56372C



70645F



562C4C



38312E



B8B8B8



383838



# Same Dimension

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



56372C



703F2E



564C2C



2B2827



6B1C00



EB3D00



# Inverse Universe

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



2C4B56



2E5F70



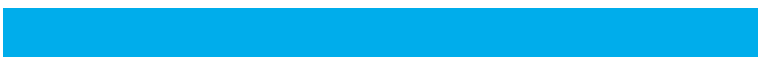
2C3756



272A2B



004F6B



00ADEB



# Previews

## White Background



This preview shows how the Hex color 56372C looks on a white background.

## Color Contrast Check

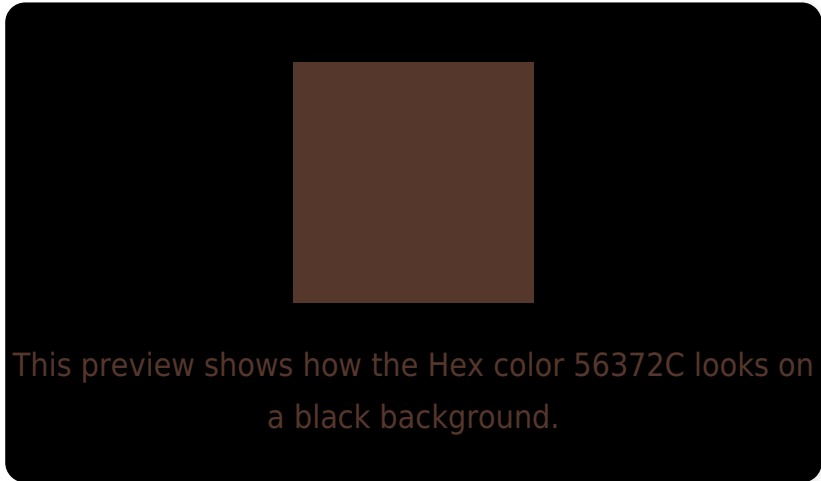
Large Text (above 18pt) WCAG AA ✓ Pass

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 56372C Background



This preview shows how black text looks on a background with the Hex color 56372C.

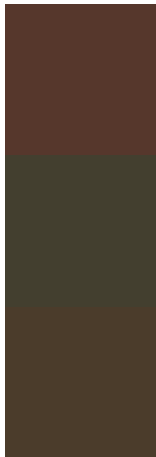


This preview shows how white text looks on a background with the Hex color 56372C.

# 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**  
56372C

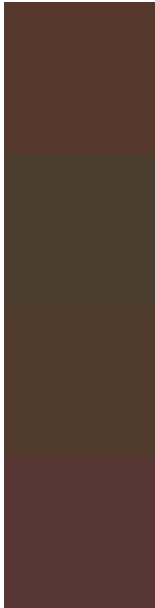
**Protanopia**  
433F2F

**Deuteranopia**  
4B3C2B



**Tritanopia**  
573539

# Trichromacy



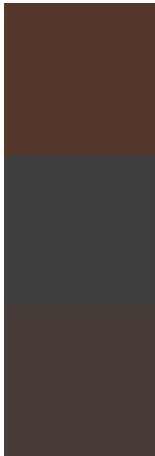
**Original Color**  
56372C

**Protanomaly**  
4A3C2E

**Deuteranomaly**  
4F3A2B

**Tritanomaly**  
573634

# Monochromacy



**Original Color**  
56372C

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
473C38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56372C 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 #56372C looks like.

```
.text, #text, p{  
    color:#56372C  
}
```

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 #56372C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56372C
}
```

## Border

The CSS property to change the border of an element to Hex 56372C is called "border". The border property can be set on classes, ids or directly on the HTML element.

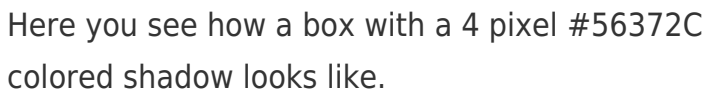
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56372C }
```

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

```
.border{ border-color:#56372C }
```

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



Here you see how a box with a 4 pixel #56372C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56372C; -webkit-box-shadow:4px 4px  
4px 4px #56372C; box-shadow:4px 4px 4px  
4px #56372C }
```

# Background

The CSS property to change the background color of an element to Hex 56372C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56372C }
```

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

```
.background{ background-color:#56372C }
```

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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