

# Converting Colors

Hex(56452D)

Have a look what the booklet for  
Hex(56452D) contains.

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# Color

**Hex(56452D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56452D
RGB	86, 69, 45
RGB Percent	34%, 27%, 18%
CMY	0.6627, 0.7294, 0.8235
CMYK	0.00, 0.20, 0.48, 0.66
HSL	35°, 31%, 26%
HSV	35°, 48%, 34%
XYZ	6.4395, 6.4241, 3.3832
YIQ	71.3470, 17.8360, -3.8600

# Conversions

## Conversions Part 2

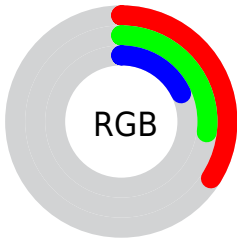
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 86, 45
Decimal	5653805
CIE Lab	30.46, 3.58, 17.22
CIE LCh	30, 17.593, 78.251
Yxy	6.4241, 0.3964, 0.3954
Android (android.graphics.Color)	4283843885 (0xFF56452D)
YUV	71.3470, -12.9891, 12.8507
Hunter-Lab	25.3459, 0.9955, 9.8280

# Details

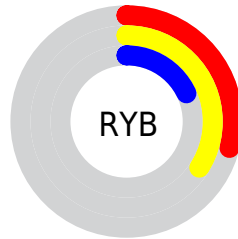
The Hex color **56452D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2D3E56**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **89755B**, and **281A00** is the 20% darker color. If you saturate the color by 10%, you get **564124**, and if you desaturate by 10%, it is **564936**.

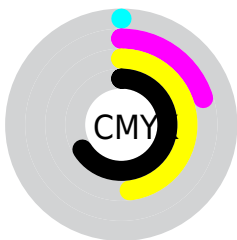
# Distribution



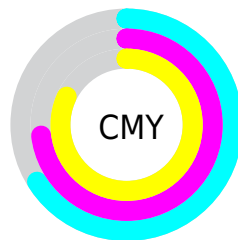
- Red (34%)
- Green (27%)
- Blue (18%)



- Red (29%)
- Yellow (34%)
- Blue (18%)



- Cyan (0%)
- Magenta (20%)
- Yellow (48%)
- Black (66%)



- Cyan (66%)
- Magenta (73%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56452D 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 56452D by changing the saturation by 10% instead.



 56452D

 56452D

FFFFFF

 3E2F18

 89755B

 281A00

 A48F74

 0C0000

 BFA98D

 000000

 DBC4A8

 F8E0C3

 FFFDDF

 FFFFFC

 56452D

 56452D

■ 564124

■ 564936

■ 563E1C

■ 564C3E

■ 563A13

■ 565047

■ 56370B

■ 56534F

■ 563302

■ 565758

■ 563200

■ 565A61

■ 565E69

■ 566272

■ 56657A

# Harmonies

## Analogous

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



5F4034



56452D



49492D

# Triad

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



56452D



1B4F50



54415A

# Complementary

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



56452D



2D3E56

# 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.



424662



56452D



1C4E5C

# Square

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



56452D



294F42



2D4B62



5F3E4E

# Rectangle

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



56452D



3E4C32



2D4B62



4E435D



# Sweetspot

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



56452D



706A60



562D3E



38342F



B8B8B8



383838



# Same Dimension

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



56452D



705630



53562D



2B2A27



6B3F00



EB8900



# Inverse Universe

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



2D3E56



304B70



302D56



27292B



002C6B



0061EB



# Previews

## White Background



This preview shows how the Hex color 56452D looks on a white background.

## Color Contrast Check

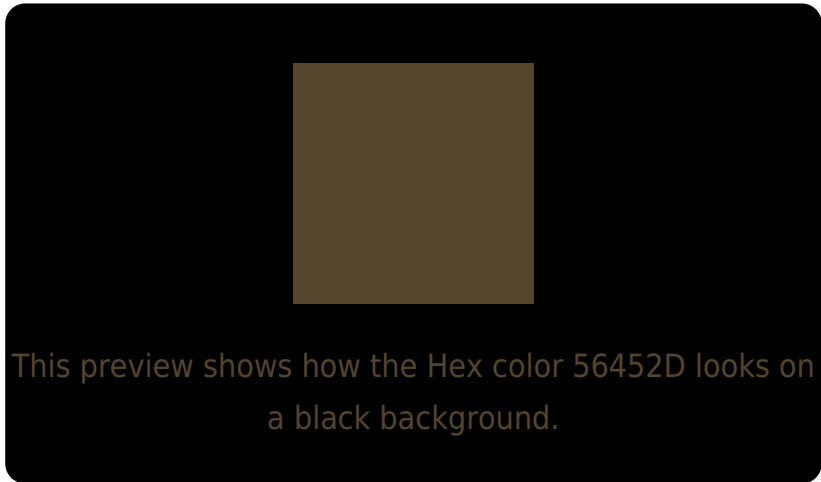
Large Text (above 18pt) WCAG AA ✓ Pass

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

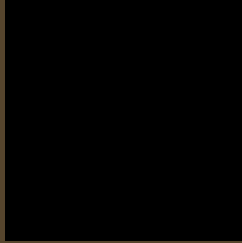
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56452D Background



This preview shows how black text looks on a background with the Hex color 56452D.

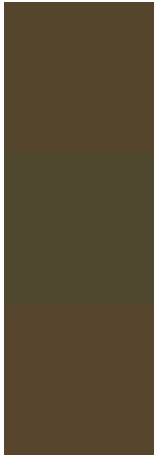


This preview shows how white text looks on a background with the Hex color 56452D.

# 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**  
56452D

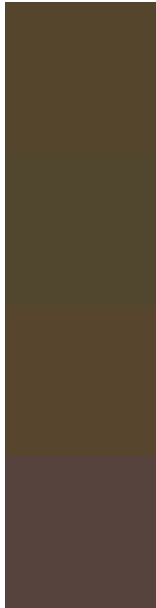
**Protanopia**  
4E482E

**Deuteranopia**  
57452D



**Tritanopia**  
584247

# Trichromacy



**Original Color**  
56452D

**Protanomaly**  
51472E

**Deuteranomaly**  
57452D

**Tritanomaly**  
57433E

# Monochromacy



**Original Color**  
56452D

**Achromatopsia**  
474747

**Achromatomaly**  
4C463E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56452D 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 #56452D looks like.

```
.text, #text, p{  
    color:#56452D  
}
```

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 #56452D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56452D
}
```

## Border

The CSS property to change the border of an element to Hex 56452D is called "border". The border property can be set on classes, ids or directly on the HTML element.

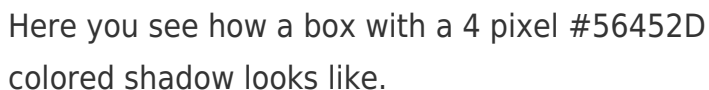
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56452D }
```

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

```
.border{ border-color:#56452D }
```

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



Here you see how a box with a 4 pixel #56452D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56452D; -webkit-box-shadow:4px 4px  
4px 4px #56452D; box-shadow:4px 4px 4px  
4px #56452D }
```

# Background

The CSS property to change the background color of an element to Hex 56452D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56452D }
```

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

```
.background{ background-color:#56452D }
```

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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