

# Converting Colors

Hex(56472A)

Have a look what the booklet for  
Hex(56472A) contains.

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**Color**

**Hex(56472A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56472A
RGB	86, 71, 42
RGB Percent	34%, 28%, 16%
CMY	0.6627, 0.7216, 0.8353
CMYK	0.00, 0.17, 0.51, 0.66
HSL	40°, 34%, 25%
HSV	40°, 51%, 34%
XYZ	6.5089, 6.6521, 3.1314
YIQ	72.1790, 18.2490, -5.8390

# Conversions

## Conversions Part 2

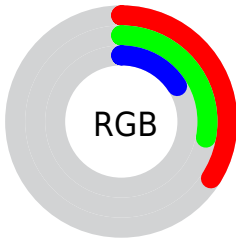
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 86, 42
Decimal	5654314
CIELab	31.00, 1.97, 19.76
CIELCh	31, 19.859, 84.305
Yxy	6.6521, 0.3995, 0.4083
Android (android.graphics.Color)	4283844394 (0xFF56472A)
YUV	72.1790, -14.8782, 12.1210
Hunter-Lab	25.7916, -0.0881, 10.8556

# Details

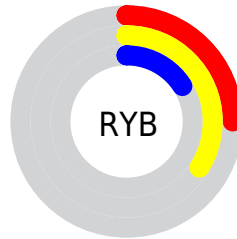
The Hex color **56472A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2A3956**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **897758**, and **281C00** is the 20% darker color. If you saturate the color by 10%, you get **564421**, and if you desaturate by 10%, it is **564A33**.

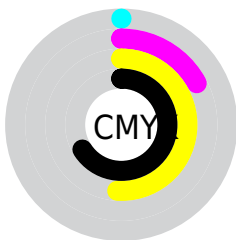
# Distribution



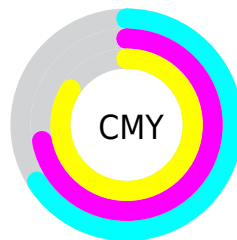
- Red (34%)
- Green (28%)
- Blue (16%)



- Red (25%)
- Yellow (34%)
- Blue (16%)



- Cyan (0%)
- Magenta (17%)
- Yellow (51%)
- Black (66%)



- Cyan (66%)
- Magenta (72%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56472A 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 56472A by changing the saturation by 10% instead.



 56472A

 56472A

FFFFFF

 3E3115

 897758

 281C00

 A49171

 0B0200

 BFAB8A

 000000

 DBC7A4

 F8E3C0

 FFFFDC

 FFFFF8

 56472A

 56472A

■ 564421

■ 564A33

■ 564119

■ 564D3B

■ 563E10

■ 565044

■ 563B08

■ 56534C

■ 563900

■ 565655

■ 56595E

■ 565C66

■ 565E6F

■ 566177

# Harmonies

## Analogous

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



624230



56472A



464C2C

# Triad

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



56472A



0E5155



5A415B

# Complementary

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



56472A



2A3956

# 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.



474665



56472A



144F62

# Square

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



56472A



205145



2E4B68



653D4D

# Rectangle

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



56472A



3B4E32



2E4B68



54425F



# Sweetspot

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



56472A



706A5F



562A39



38352E



B8B8B8



383838



# Same Dimension

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



56472A



70592C



4F562A



2B2A27



6B4700



EB9B00



# Inverse Universe

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



2A3956



2C4370



312A56



27282B



00256B



0050EB



# Previews

## White Background



This preview shows how the Hex color 56472A looks on a white background.

## Color Contrast Check

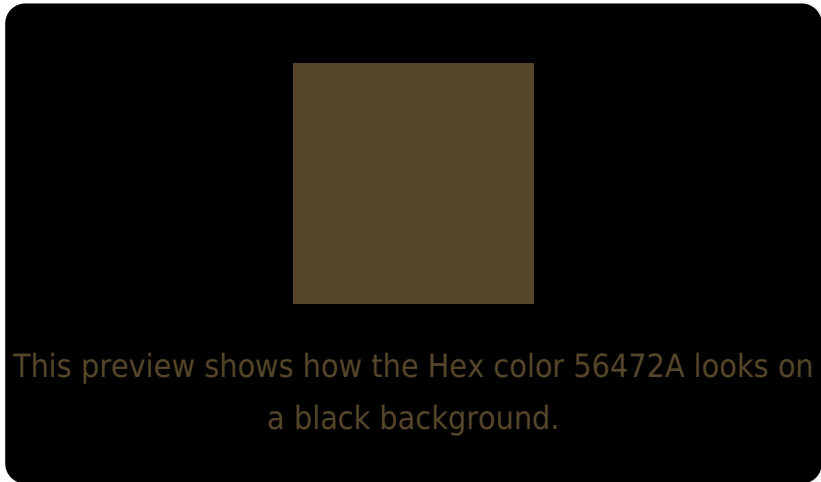
Large Text (above 18pt) WCAG AA ✓ Pass

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

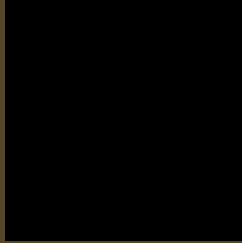
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56472A Background



This preview shows how black text looks on a background with the Hex color 56472A.

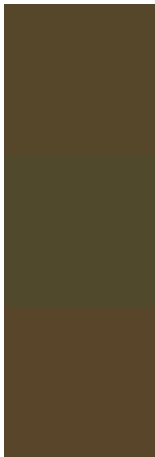


This preview shows how white text looks on a background with the Hex color 56472A.

# 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**  
56472A

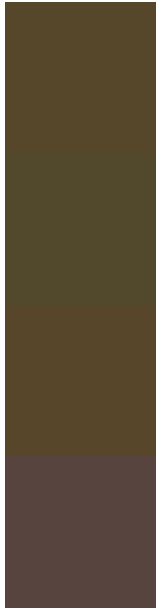
**Protanopia**  
50492B

**Deuteranopia**  
59462A



**Tritanopia**  
594349

# Trichromacy



**Original Color**  
56472A

**Protanomaly**  
52482B

**Deuteranomaly**  
58462A

**Tritanomaly**  
58443E

# Monochromacy



**Original Color**  
56472A

**Achromatopsia**  
484848

**Achromatomaly**  
4D483D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56472A 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 #56472A looks like.

```
.text, #text, p{  
    color:#56472A  
}
```

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 #56472A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56472A
}
```

## Border

The CSS property to change the border of an element to Hex 56472A is called "border". The border property can be set on classes, ids or directly on the HTML element.

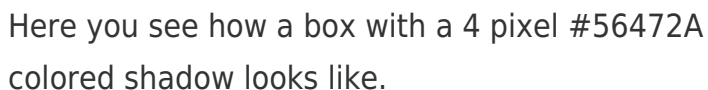
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56472A }
```

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

```
.border{ border-color:#56472A }
```

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



Here you see how a box with a 4 pixel #56472A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56472A; -webkit-box-shadow:4px 4px  
4px 4px #56472A; box-shadow:4px 4px 4px  
4px #56472A }
```

# Background

The CSS property to change the background color of an element to Hex 56472A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56472A }
```

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

```
.background{ background-color:#56472A }
```

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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