

# Converting Colors

Hex(56401A)

Have a look what the booklet for  
Hex(56401A) contains.

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**Color**

**Hex(56401A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56401A
RGB	86, 64, 26
RGB Percent	34%, 25%, 10%
CMY	0.6627, 0.7490, 0.8980
CMYK	0.00, 0.26, 0.70, 0.66
HSL	38°, 54%, 22%
HSV	38°, 70%, 34%
XYZ	5.8576, 5.7198, 1.7726
YIQ	66.2460, 25.3100, -7.1540

# Conversions

## Conversions Part 2

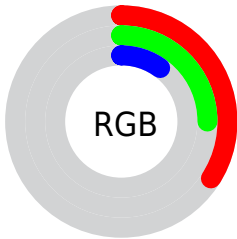
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 86, 26
Decimal	5652506
CIELab	28.69, 4.85, 26.37
CIELCh	29, 26.813, 79.577
Yxy	5.7198, 0.4388, 0.4285
Android (android.graphics.Color)	4283842586 (0xFF56401A)
YUV	66.2460, -19.8413, 17.3243
Hunter-Lab	23.9161, 1.8655, 12.3469

# Details

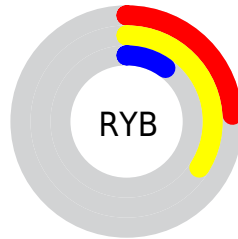
The Hex color **56401A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A3056**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8A7047**, and **261600** is the 20% darker color. If you saturate the color by 10%, you get **563D11**, and if you desaturate by 10%, it is **564323**.

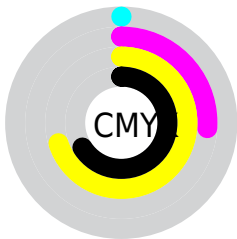
# Distribution



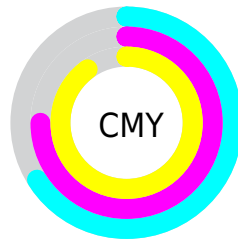
- Red (34%)
- Green (25%)
- Blue (10%)



- Red (24%)
- Yellow (34%)
- Blue (10%)



- Cyan (0%)
- Magenta (26%)
- Yellow (70%)
- Black (66%)



- Cyan (66%)
- Magenta (75%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56401A 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 56401A by changing the saturation by 10% instead.



 56401A

 56401A

FFFFFF

 3E2A01

 8A7047

 261600

 A5895F

 000000

 C1A378

 DDBE92

 FADAAD

 FFF6C8

 FFFFE4

 56401A

 56401A

■ 563D11

■ 564323

■ 563A09

■ 56462B

■ 563700

■ 564934

■ 563600

■ 564D3C

■ 565045

■ 56534E

■ 565656

■ 56595F

■ 565C67

# Harmonies

## Analogous

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



643825



56401A



43471B

# Triad

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



56401A



004E51



56395F

# Complementary

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



56401A



1A3056

# 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.



39416B



56401A



004C63

# Square

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



56401A



004E3B



01486C



66334C

# Rectangle

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



56401A



334A23



01486C



4E3C64



# Sweetspot

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



56401A



706859



561A30



38332A



B8B8B8



383838



# Same Dimension

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



56401A



704E12



4E561A



2B2A27



6B4400



EB9500



# Inverse Universe

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



1A3056



123570



221A56



27292B



00276B



0056EB



# Previews

## White Background



This preview shows how the Hex color 56401A looks on a white background.

## Color Contrast Check

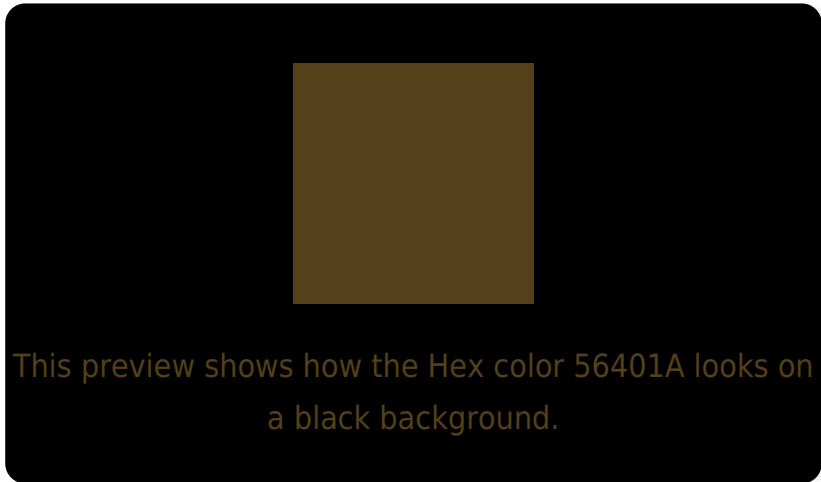
Large Text (above 18pt) WCAG AA ✓ Pass

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 56401A Background



This preview shows how black text looks on a background with the Hex color 56401A.



This preview shows how white text looks on a background with the Hex color 56401A.

# 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**  
56401A

**Protanopia**  
4C441B

**Deuteranopia**  
55411A



**Tritanopia**  
593C41

# Trichromacy



**Original Color**  
56401A

**Protanomaly**  
50431B

**Deuteranomaly**  
55411A

**Tritanomaly**  
583D33

# Monochromacy



**Original Color**  
56401A

**Achromatopsia**  
424242

**Achromatomaly**  
494133

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56401A 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 #56401A looks like.

```
.text, #text, p{  
    color:#56401A  
}
```

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 #56401A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56401A
}
```

## Border

The CSS property to change the border of an element to Hex 56401A 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
#56401A }
```

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

```
.border{ border-color:#56401A }
```

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

Here you see how a box with a 4 pixel #56401A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56401A; -webkit-box-shadow:4px 4px  
4px 4px #56401A; box-shadow:4px 4px 4px  
4px #56401A }
```

# Background

The CSS property to change the background color of an element to Hex 56401A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56401A }
```

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

```
.background{ background-color:#56401A }
```

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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