

# Converting Colors

Hex(56362A)

Have a look what the booklet for  
Hex(56362A) contains.

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**Color**

**Hex(56362A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56362A
RGB	86, 54, 42
RGB Percent	34%, 21%, 16%
CMY	0.6627, 0.7882, 0.8353
CMYK	0.00, 0.37, 0.51, 0.66
HSL	16°, 34%, 25%
HSV	16°, 51%, 34%
XYZ	5.5748, 4.7839, 2.8201
YIQ	62.2000, 22.9240, 3.0520

# Conversions

## Conversions Part 2

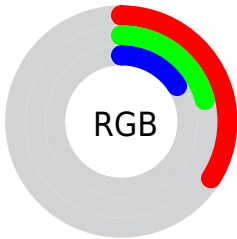
Format	Color
R <sub>Y</sub> B	86, 59, 42
Decimal	5649962
CIE Lab	26.11, 12.76, 13.43
CIE LCh	26, 18.524, 46.468
Yxy	4.7839, 0.4230, 0.3630
Android (android.graphics.Color)	4283840042 (0xFF56362A)
YUV	62.2000, -9.9586, 20.8726
Hunter-Lab	21.8722, 7.2201, 7.6661

# Details

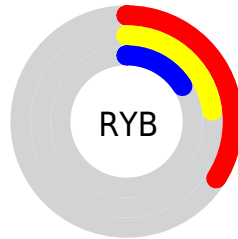
The Hex color **56362A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A4A56**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **896557**, and **270B00** is the 20% darker color. If you saturate the color by 10%, you get **563021**, and if you desaturate by 10%, it is **563C33**.

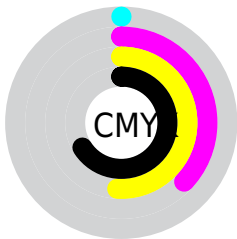
# Distribution



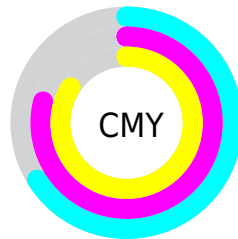
- Red (34%)
- Green (21%)
- Blue (16%)



- Red (34%)
- Yellow (23%)
- Blue (16%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (66%)



- Cyan (66%)
- Magenta (79%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56362A 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 56362A by changing the saturation by 10% instead.



 56362A

 56362A

FFFFFF

 3E2015

 896557

 270B00

 A47E70

 000000

 C09889

 DCB3A4

 F9CEBF

 FFEFDA

 FFFFF7

 56362A

 56362A

■ 563021

■ 563C33

■ 562919

■ 56433B

■ 562310

■ 564944

■ 561D08

■ 564F4C

■ 561700

■ 565555

■ 565C5E

■ 566266

■ 56686F

■ 566E77

# Harmonies

## Analogous

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



593337



56362A



4D3B22

# Triad

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



56362A



1D4537



363C59

# Complementary

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



56362A



2A4A56

# 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.



1E4159



56362A



094545

# Square

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



56362A



2F432A



054452



493751

# Rectangle

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



56362A



443E21



054452



2E3E5A



# Sweetspot

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



56362A



70645F



562A4A



38312E



B8B8B8



383838



# Same Dimension

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



56362A



703E2C



564C2A



2B2827



6B1D00



EB4000



# Inverse Universe

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



2A4A56



2C5E70



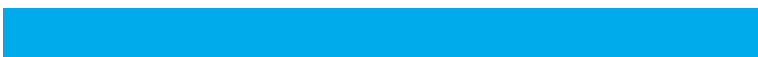
2A3456



272A2B



004E6B



00ABEB



# Previews

## White Background



This preview shows how the Hex color 56362A looks on a white background.

## Color Contrast Check

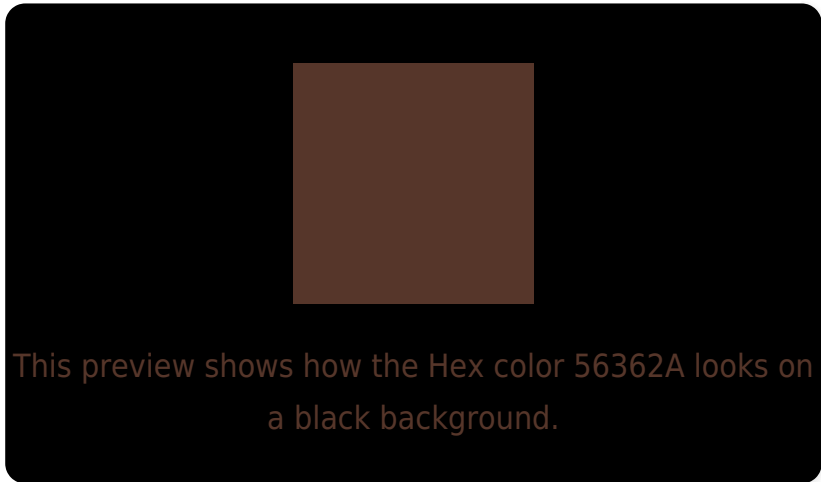
Large Text (above 18pt) WCAG AA ✓ Pass

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

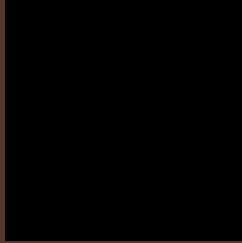
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56362A Background



This preview shows how black text looks on a background with the Hex color 56362A.

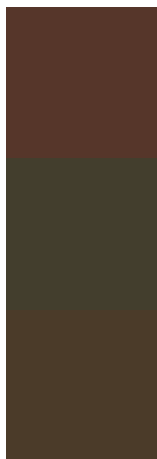


This preview shows how white text looks on a background with the Hex color 56362A.

# 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**  
56362A

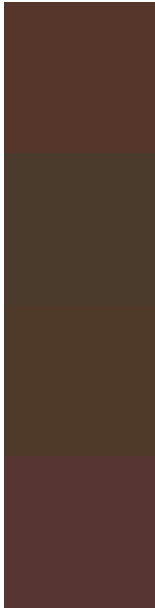
**Protanopia**  
433E2D

**Deuteranopia**  
4B3B29



**Tritanopia**  
573438

# Trichromacy



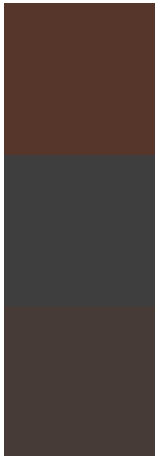
**Original Color**  
56362A

**Protanomaly**  
4A3B2C

**Deuteranomaly**  
4F3929

**Tritanomaly**  
573533

# Monochromacy



**Original Color**  
56362A

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
473B37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56362A 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 #56362A looks like.

```
.text, #text, p{  
    color:#56362A  
}
```

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 #56362A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56362A
}
```

## Border

The CSS property to change the border of an element to Hex 56362A 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".

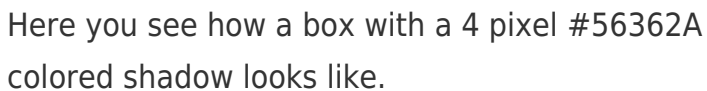
```
.border, #border, table{ border:4px solid
#56362A }
```

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

```
.border{ border-color:#56362A }
```

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

Here you see how a box with a 4 pixel #56362A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56362A; -webkit-box-shadow:4px 4px  
4px 4px #56362A; box-shadow:4px 4px 4px  
4px #56362A }
```

# Background

The CSS property to change the background color of an element to Hex 56362A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56362A }
```

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

```
.background{ background-color:#56362A }
```

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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