

Converting Colors

Hex(56332A)

Have a look what the booklet for
Hex(56332A) contains.

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Color

Hex(56332A)

Conversions

Conversions Part 1

Format	Color
Hex	56332A
RGB	86, 51, 42
RGB Percent	34%, 20%, 16%
CMY	0.6627, 0.8000, 0.8353
CMYK	0.00, 0.41, 0.51, 0.66
HSL	12°, 34%, 25%
HSV	12°, 51%, 34%
XYZ	5.4395, 4.5133, 2.7749
YIQ	60.4390, 23.7490, 4.6210

Conversions

Conversions Part 2

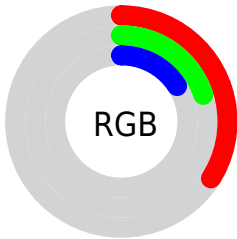
Format	Color
RYB	86, 53, 42
Decimal	5649194
CIELab	25.30, 14.66, 12.35
CIELCh	25, 19.172, 40.107
Yxy	4.5133, 0.4274, 0.3546
Android (android.graphics.Color)	4283839274 (0xFF56332A)
YUV	60.4390, -9.0904, 22.4170
Hunter-Lab	21.2444, 8.5260, 7.1267

Details

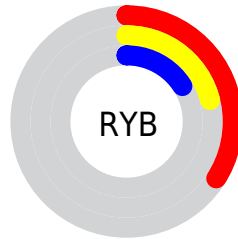
The Hex color **56332A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A4D56**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8A6257**, and **270700** is the 20% darker color. If you saturate the color by 10%, you get **562C21**, and if you desaturate by 10%, it is **563A33**.

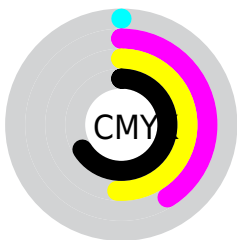
Distribution



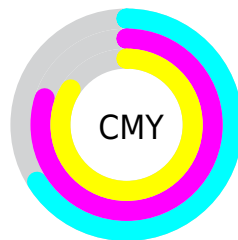
- Red (34%)
- Green (20%)
- Blue (16%)



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



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)
- Black (66%)



- Cyan (66%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56332A 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 56332A by changing the saturation by 10% instead.

 56332A

 56332A

FFFFFF

 3D1D16

 8A6257

 270700

 A57B70

 000000

 C09589

 DCAFA3

 F9CBBF

 FFE7DA

 FFFFF7

 56332A

 56332A

■ 562C21

■ 563A33

■ 562519

■ 56413B

■ 561E10

■ 564844

■ 561808

■ 564E4C

■ 561200

■ 565555

■ 565C5E

■ 566366

■ 566A6F

■ 567177

Harmonies

Analogous

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



583138



56332A



4E3821

Triad

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



56332A



1E4332



2F3C58

Complementary

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



56332A



2A4D56

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.



134057



56332A



064441

Square

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



56332A



314125



00434E



443652

Rectangle

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



56332A



453B1F



00434E



263D59

Sweetspot

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



56332A



70635F



562A4D



38302E



B8B8B8



383838

Same Dimension

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



56332A



703A2C



56492A



2B2827



6B1600



EB3000

Inverse Universe

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



2A4D56



2C6270



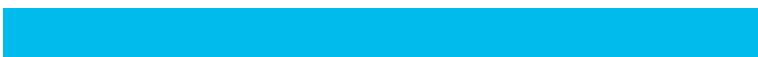
2A3756



272A2B



00556B



00BBEB

Previews

White Background



This preview shows how the Hex color 56332A looks on a white background.

Color Contrast Check

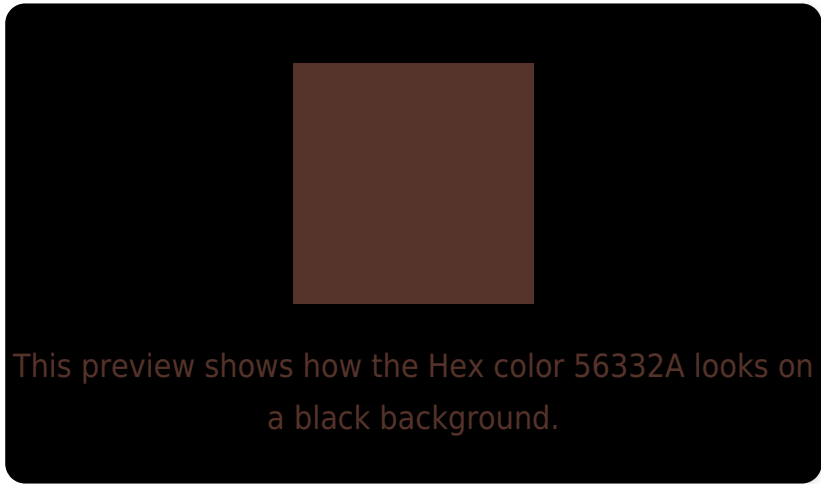
Large Text (above 18pt) WCAG AA ✓ Pass

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

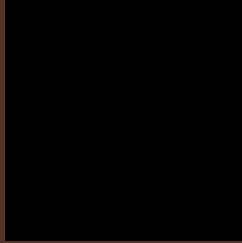
Any Text WCAG AA × Fail

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 56332A Background



This preview shows how black text looks on a background with the Hex color 56332A.

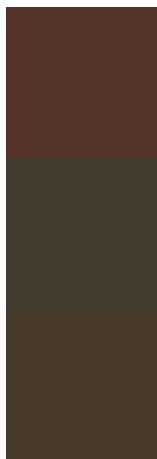


This preview shows how white text looks on a background with the Hex color 56332A.

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
56332A

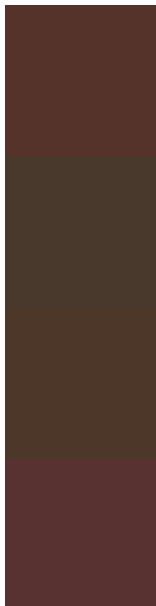
Protanopia
413C2E

Deuteranopia
483A29



Tritanopia
573135

Trichromacy



Original Color

56332A

Protanomaly

49392D

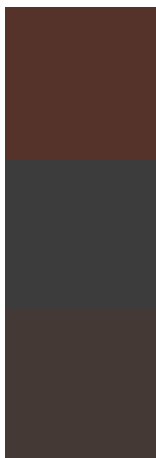
Deuteranomaly

4D3729

Tritanomaly

573231

Monochromacy



Original Color

56332A

Achromatopsia

3C3C3C

Achromatomaly

453935

CSS Examples

Text

The CSS property to change the color of the text to Hex 56332A 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 #56332A looks like.

```
.text, #text, p{  
    color:#56332A  
}
```

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 #56332A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56332A
}
```

Border

The CSS property to change the border of an element to Hex 56332A 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".

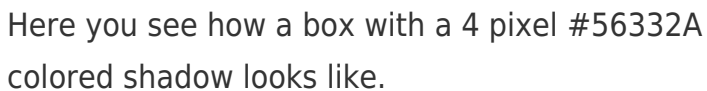
```
.border, #border, table{ border:4px solid
#56332A }
```

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

```
.border{ border-color:#56332A }
```

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

Here you see how a box with a 4 pixel #56332A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56332A; -webkit-box-shadow:4px 4px  
4px 4px #56332A; box-shadow:4px 4px 4px  
4px #56332A }
```

Background

The CSS property to change the background color of an element to Hex 56332A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56332A }
```

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

```
.background{ background-color:#56332A }
```

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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