

# Converting Colors

Hex(38552B)

Have a look what the booklet for  
Hex(38552B) contains.

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# Color

**Hex(38552B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	38552B
RGB	56, 85, 43
RGB Percent	22%, 33%, 17%
CMY	0.7804, 0.6667, 0.8314
CMYK	0.34, 0.00, 0.49, 0.67
HSL	101°, 33%, 25%
HSV	101°, 49%, 33%
XYZ	5.3154, 7.5122, 3.4553
YIQ	71.5410, -3.8020, -19.2100

# Conversions

## Conversions Part 2

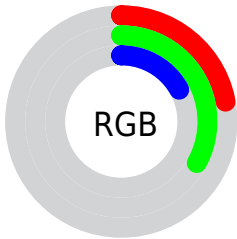
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 85, 72
Decimal	3691819
CIELab	32.95, -19.77, 21.07
CIElCh	33, 28.889, 133.171
Yxy	7.5122, 0.3264, 0.4614
Android (android.graphics.Color)	4281881899 (0xFF38552B)
YUV	71.5410, -14.0707, -13.6295
Hunter-Lab	27.4083, -13.3472, 11.7112

# Details

The Hex color **38552B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **482B55**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **688759**, and **0D2700** is the 20% darker color. If you saturate the color by 10%, you get **325523**, and if you desaturate by 10%, it is **3E5533**.

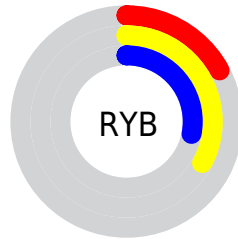
# Distribution



Red (22%)

Green (33%)

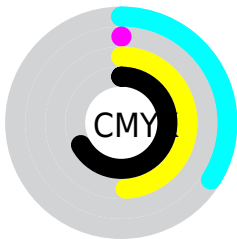
Blue (17%)



Red (17%)

Yellow (33%)

Blue (28%)

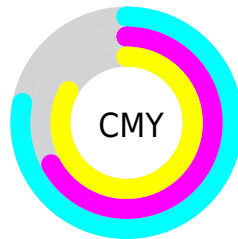


Cyan (34%)

Magenta (0%)

Yellow (49%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38552B 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 38552B by changing the saturation by 10% instead.



 38552B

 38552B

FFFFFF

 213E15

 688759

 0D2700

 82A172

 001200

 9CBC8C

 000000

 B8D8A6

 D3F5C2

 F0FFDE

 FFFFFA

 38552B

 38552B

■ 325523

■ 3E5533

■ 2C551A

■ 44553C

■ 265512

■ 4A5545

■ 215509

■ 4F554D

■ 1B5501

■ 555556

■ 1A5500

■ 5B555E

■ 615566

■ 67556F

■ 6D5577

# Harmonies

## Analogous

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



514F1F



38552B



135840

# Triad

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



38552B



005479



783A44

# Complementary

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



38552B



482B55

# 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.



713C5B



38552B



394C7A

# Square

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



38552B



00586C



5C446F



743F2F

# Rectangle

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



38552B



00594F



5C446F



773A4C



# Sweetspot

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



38552B



626E5D



55482B



31382E



B8B8B8



383838



# Same Dimension

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



38552B



416E2D



2B5533



282B27



216B00



49EB00



# Inverse Universe

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



482B55



5A2D6E



552B4D



2A272B



4A006B

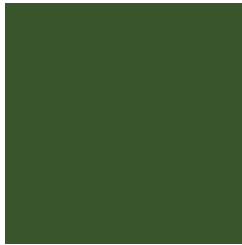


A200EB



# Previews

## White Background



This preview shows how the Hex color 38552B looks on a white background.

## Color Contrast Check

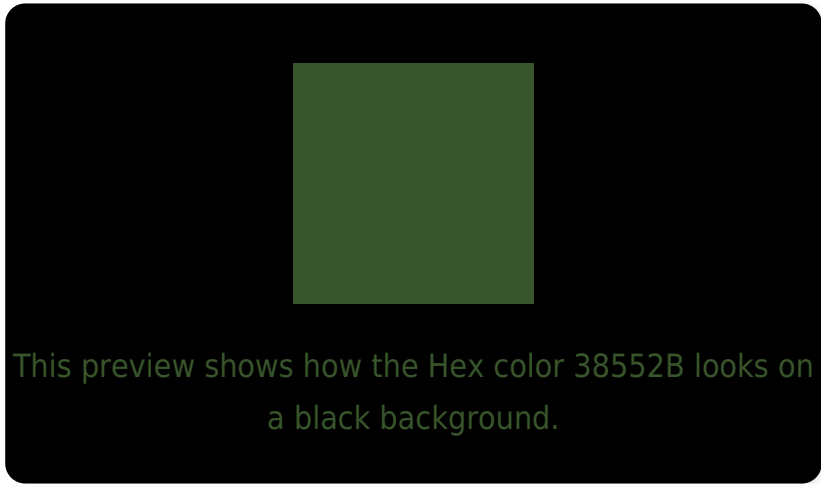
Large Text (above 18pt) WCAG AA ✓ Pass

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

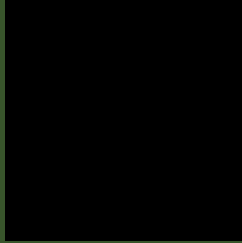
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38552B Background



This preview shows how black text looks on a background with the Hex color 38552B.



This preview shows how white text looks on a background with the Hex color 38552B.

# 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**  
38552B

**Protanopia**  
554D28

**Deuteranopia**  
5E4A2E



**Tritanopia**  
3F5057

# Trichromacy



**Original Color**  
38552B

**Protanomaly**  
4A5029

**Deuteranomaly**  
504E2D

**Tritanomaly**  
3C5247

# Monochromacy



**Original Color**  
38552B

**Achromatopsia**  
484848

**Achromatomaly**  
424D3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38552B 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 #38552B looks like.

```
.text, #text, p{  
    color:#38552B  
}
```

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 #38552B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38552B
}
```

## Border

The CSS property to change the border of an element to Hex 38552B 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".

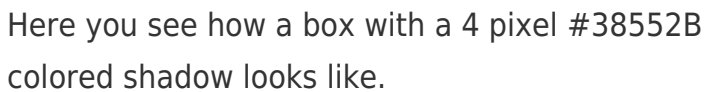
```
.border, #border, table{ border:4px solid
#38552B }
```

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

```
.border{ border-color:#38552B }
```

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

Here you see how a box with a 4 pixel #38552B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38552B; -webkit-box-shadow:4px 4px  
4px 4px #38552B; box-shadow:4px 4px 4px  
4px #38552B }
```

# Background

The CSS property to change the background color of an element to Hex 38552B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38552B }
```

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

```
.background{ background-color:#38552B }
```

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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