

# Converting Colors

Hex(38372B)

Have a look what the booklet for  
Hex(38372B) contains.

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# Color

**Hex(38372B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38372B
RGB	56, 55, 43
RGB Percent	22%, 22%, 17%
CMY	0.7804, 0.7843, 0.8314
CMYK	0.00, 0.02, 0.23, 0.78
HSL	55°, 13%, 19%
HSV	55°, 23%, 22%
XYZ	3.4331, 3.7475, 2.8279
YIQ	53.9310, 4.4480, -3.5200

# Conversions

## Conversions Part 2

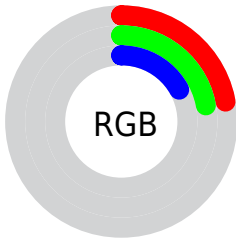
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	44, 56, 43
Decimal	3684139
CIE Lab	22.82, -2.04, 7.70
CIE LCh	23, 7.966, 104.851
Yxy	3.7475, 0.3430, 0.3744
Android (android.graphics.Color)	4281874219 (0xFF38372B)
YUV	53.9310, -5.3890, 1.8145
Hunter-Lab	19.3586, -2.2217, 4.8899

# Details

The Hex color **38372B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2C38**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **676658**, and **0B0B00** is the 20% darker color. If you saturate the color by 10%, you get **383725**, and if you desaturate by 10%, it is **383731**.

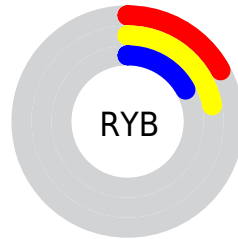
# Distribution



Red (22%)

Green (22%)

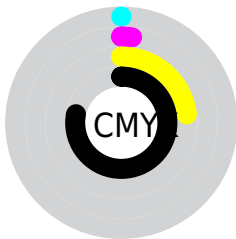
Blue (17%)



Red (17%)

Yellow (22%)

Blue (17%)

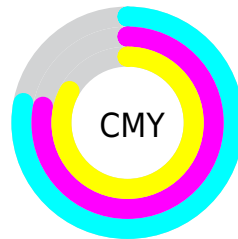


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (78%)



Cyan (78%)

Magenta (78%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38372B 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 38372B by changing the saturation by 10% instead.





38372B



38372B

FFFFFF



222216



676658



0B0B00



807F71



000000



9A998A



B5B3A5



D1CFC0



EDEBDC



FFFFFF8



38372B



38372B

■ 383725

■ 383731

■ 383620

■ 383836

■ 38361A

■ 38383C

■ 383515

■ 383941

■ 38350F

■ 383947

■ 383409

■ 383A4D

■ 383404

■ 383A52

■ 383400

■ 383A58

■ 383B5D

# Harmonies

## Analogous

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



3E352B



38372B



31392E

# Triad

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



38372B



27393F



41333A

# Complementary

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



38372B



2B2C38

# 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.



3B343F



38372B



2C3842

# Square

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



38372B



273A39



343642



433234

# Rectangle

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



38372B



2D3931



343642



3F333C



# Sweetspot

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



38372B



4A4A45



382B2C



262623



A6A6A6



262626



# Same Dimension

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



38372B



4A4835



33382B



1C1C19



5C5500



DBCA00



# Inverse Universe

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



2B2C38



35374A



302B38



19191C



00075C

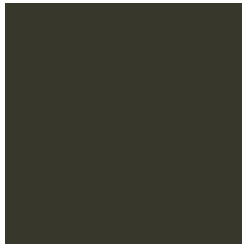


0011DB



# Previews

## White Background



This preview shows how the Hex color 38372B looks on a white background.

## Color Contrast Check

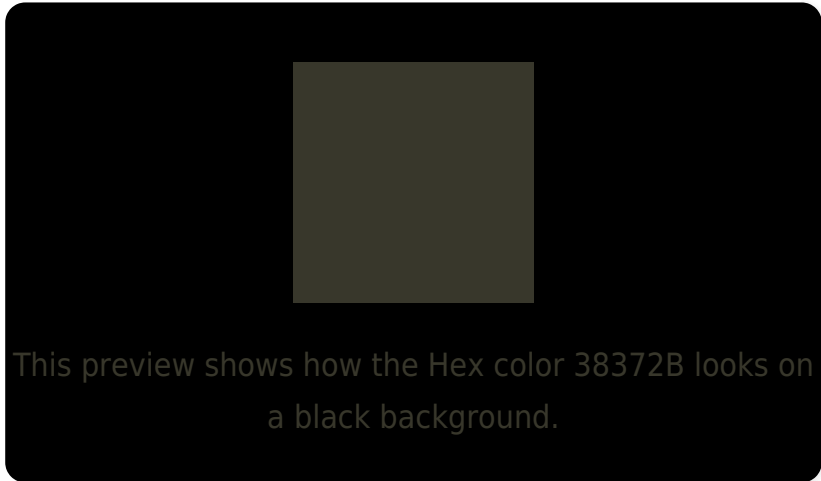
Large Text (above 18pt) WCAG AA ✓ Pass

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

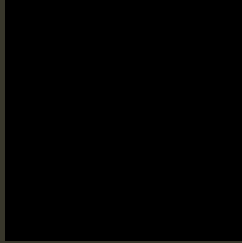
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38372B Background



This preview shows how black text looks on a background with the Hex color 38372B.

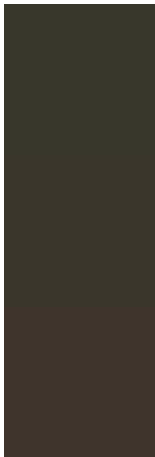


This preview shows how white text looks on a background with the Hex color 38372B.

# 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**  
38372B

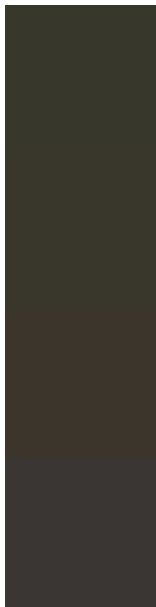
**Protanopia**  
3A362B

**Deuteranopia**  
3F342C



**Tritanopia**  
3A3539

# Trichromacy



**Original Color**

38372B

**Protanomaly**

39362B

**Deuteranomaly**

3C352C

**Tritanomaly**

393634

# Monochromacy



**Original Color**

38372B

**Achromatopsia**

363636

**Achromatomaly**

373632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38372B 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 #38372B looks like.

```
.text, #text, p{  
    color:#38372B  
}
```

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 #38372B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38372B
}
```

## Border

The CSS property to change the border of an element to Hex 38372B is called "border". The border property can be set on classes, ids or directly on the HTML element.

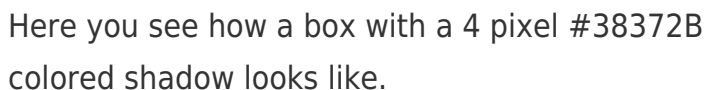
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38372B }
```

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

```
.border{ border-color:#38372B }
```

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



Here you see how a box with a 4 pixel #38372B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38372B; -webkit-box-shadow:4px 4px  
4px 4px #38372B; box-shadow:4px 4px 4px  
4px #38372B }
```

# Background

The CSS property to change the background color of an element to Hex 38372B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38372B }
```

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

```
.background{ background-color:#38372B }
```

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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