

# Converting Colors

Hex(384A22)

Have a look what the booklet for  
Hex(384A22) contains.

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**Color**

**Hex(384A22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	384A22
RGB	56, 74, 34
RGB Percent	22%, 29%, 13%
CMY	0.7804, 0.7098, 0.8667
CMYK	0.24, 0.00, 0.54, 0.71
HSL	87°, 37%, 21%
HSV	87°, 54%, 29%
XYZ	4.3684, 5.8538, 2.4130
YIQ	64.0580, 2.1120, -16.2560

# Conversions

## Conversions Part 2

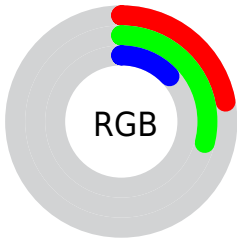
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 74, 52
Decimal	3688994
CIELab	29.04, -15.04, 21.48
CIELCh	29, 26.220, 125.000
Yxy	5.8538, 0.3457, 0.4633
Android (android.graphics.Color)	4281879074 (0xFF384A22)
YUV	64.0580, -14.8186, -7.0669
Hunter-Lab	24.1946, -10.1120, 11.0230

# Details

The Hex color **384A22** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **34224A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **687B4F**, and **0B1E00** is the 20% darker color. If you saturate the color by 10%, you get **354A1B**, and if you desaturate by 10%, it is **3B4A29**.

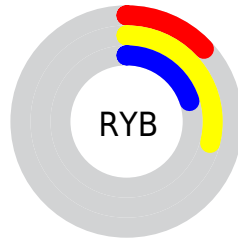
# Distribution



Red (22%)

Green (29%)

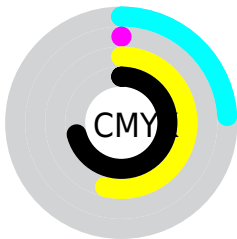
Blue (13%)



Red (13%)

Yellow (29%)

Blue (20%)

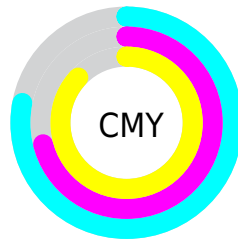


Cyan (24%)

Magenta (0%)

Yellow (54%)

Black (71%)



Cyan (78%)

Magenta (71%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 384A22 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 384A22 by changing the saturation by 10% instead.





384A22



384A22

FFFFFF



22330C



687B4F



0B1E00



829568



000000



9CAF81



B7CB9B



D3E7B6



EFFFD2



FFFEE



384A22



384A22

■ 354A1B

■ 3B4A29

■ 314A13

■ 3F4A31

■ 2E4A0C

■ 424A38

■ 2B4A04

■ 454A40

■ 294A00

■ 494A47

■ 4C4A4E

■ 4F4A56

■ 534A5D

■ 564A65

# Harmonies

## Analogous

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



4D441B



384A22



1C4D33

# Triad

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



384A22



004B69



6A3342

# Complementary

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



384A22



34224A

# 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.



603656



384A22



28456D

# Square

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



384A22



004E5B



4B3E66



69362E

# Rectangle

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



384A22



004F40



4B3E66



683449



# Sweetspot

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



384A22



5A6151



4A3422



2C3027



B0B0B0



303030



# Same Dimension

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



384A22



456122



244A22



252622



386600



7EE600



# Inverse Universe

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



34224A



3E2261



48224A



242226



2E0066



6700E6



# Previews

## White Background



This preview shows how the Hex color 384A22 looks on a white background.

## Color Contrast Check

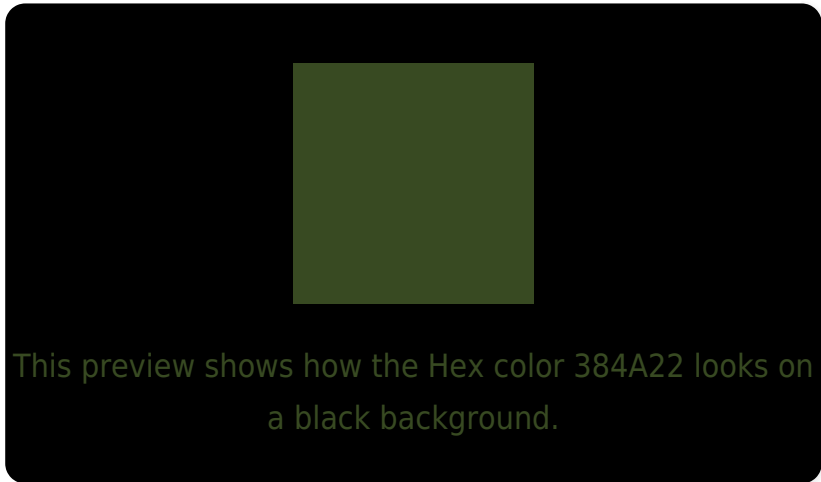
Large Text (above 18pt) WCAG AA ✓ Pass

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

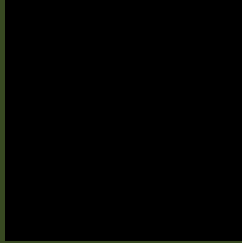
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

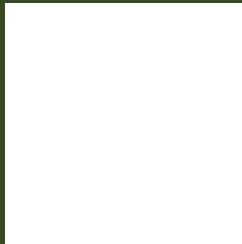
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 384A22 Background



This preview shows how black text looks on a background with the Hex color 384A22.



This preview shows how white text looks on a background with the Hex color 384A22.

# 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**  
384A22

**Protanopia**  
4C4420

**Deuteranopia**  
544124



**Tritanopia**  
3E464B

# Trichromacy



**Original Color**  
384A22

**Protanomaly**  
454621

**Deuteranomaly**  
4A4423

**Tritanomaly**  
3C473C

# Monochromacy



**Original Color**  
384A22

**Achromatopsia**  
404040

**Achromatomaly**  
3D4435

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 384A22 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 #384A22 looks like.

```
.text, #text, p{  
    color:#384A22  
}
```

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 #384A22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #384A22
}
```

## Border

The CSS property to change the border of an element to Hex 384A22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

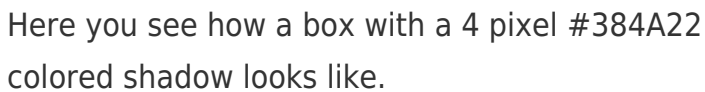
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#384A22 }
```

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

```
.border{ border-color:#384A22 }
```

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



Here you see how a box with a 4 pixel `#384A22` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #384A22; -webkit-box-shadow:4px 4px  
4px 4px #384A22; box-shadow:4px 4px 4px  
4px #384A22 }
```

# Background

The CSS property to change the background color of an element to Hex 384A22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#384A22 }
```

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

```
.background{ background-color:#384A22 }
```

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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