

# Converting Colors

Hex(3A682D)

Have a look what the booklet for  
Hex(3A682D) contains.

<b>Hex(3A682D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3A682D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A682D
RGB	58, 104, 45
RGB Percent	23%, 41%, 18%
CMY	0.7725, 0.5922, 0.8235
CMYK	0.44, 0.00, 0.57, 0.59
HSL	107°, 40%, 29%
HSV	107°, 57%, 41%
XYZ	7.1689, 10.9896, 4.2260
YIQ	83.5200, -8.4770, -28.1010

# Conversions

## Conversions Part 2

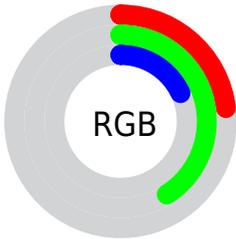
Format	Color
<b>RYB</b>	45, 104, 91
Decimal	3827757
CIELab	39.56, -28.24, 28.08
CIELCh	40, 39.827, 135.160
Yxy	10.9896, 0.3203, 0.4909
Android (android.graphics.Color)	4282017837 (0xFF3A682D)
YUV	83.5200, -18.9904, -22.3810
Hunter-Lab	33.1506, -19.4126, 15.6472

# Details

The Hex color **3A682D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B2D68**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6C9C5D**, and **063800** is the 20% darker color. If you saturate the color by 10%, you get **326823**, and if you desaturate by 10%, it is **426837**.

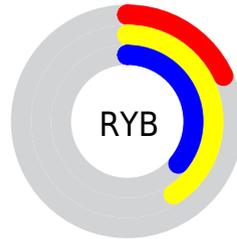
# Distribution



Red (23%)

Green (41%)

Blue (18%)



Red (18%)

Yellow (41%)

Blue (36%)

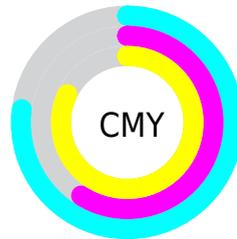


Cyan (44%)

Magenta (0%)

Yellow (57%)

Black (59%)



Cyan (77%)

Magenta (59%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A682D 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 3A682D by changing the saturation by 10% instead.

 3A682D

 3A682D

FFFFFF

 215016

 6C9C5D

 063800

 87B776

 002300

 A2D290

 000000

 BDEFAA

 D9FFC6

 F6FFE2

 3A682D

 3A682D

 326823

 426837

■ 2A6818

■ 4A6842

■ 22680E

■ 52684C

■ 1A6803

■ 5A6857

■ 176800

■ 636861

■ 6B686B

■ 736876

■ 7B6880

■ 83688B

# Harmonies

## Analogous

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



5F6119



3A682D



006C4B

# Triad

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



3A682D



00659C



99404E

# Complementary

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



3A682D



5B2D68

# 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.



90426F



3A682D



405B9C

# Square

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



3A682D



006B8A



744E8B



914930

# Rectangle

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



3A682D



006D62



744E8B



983F59

# Sweetspot

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



3A682D



758770



685A2D



3A4537



C4C4C4



454545



# Same Dimension

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



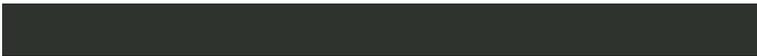
3A682D



3F872B



2D683D



2F332E



197300



35F200



# Inverse Universe

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



5B2D68



732B87



682D58



322E33



590073



BD00F2



# Previews

## White Background



This preview shows how the Hex color 3A682D looks on a white background.

## Color Contrast Check

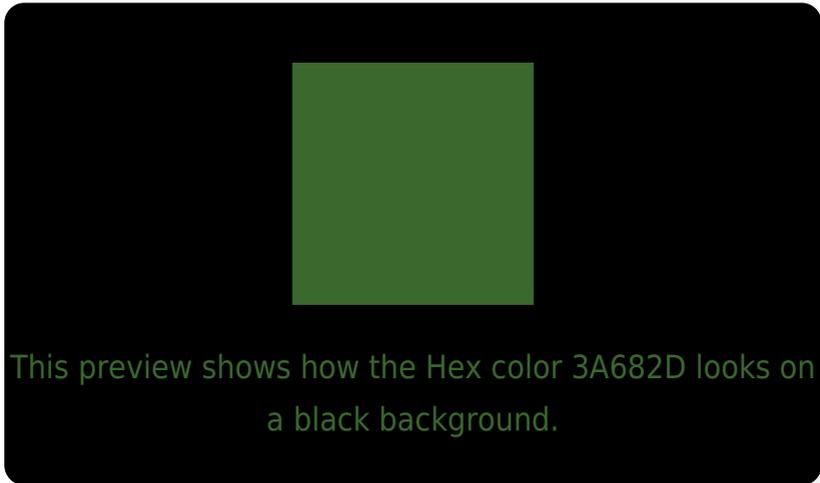
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3A682D Background



This preview shows how black text looks on a background with the Hex color 3A682D.



This preview shows how white text looks on a background with the Hex color 3A682D.

# 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**  
3A682D

**Protanopia**  
675D2A

**Deuteranopia**  
725831



**Tritanopia**  
45626A

# Trichromacy



**Original Color**  
3A682D

**Protanomaly**  
57612B

**Deuteranomaly**  
5E5E30

**Tritanomaly**  
416454

# Monochromacy



**Original Color**  
3A682D

**Achromatopsia**  
545454

**Achromatomaly**  
4B5B46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A682D 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 #3A682D looks like.

```
.text, #text, p{  
    color:#3A682D  
}
```

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 #3A682D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A682D
}
```

## Border

The CSS property to change the border of an element to Hex 3A682D 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".

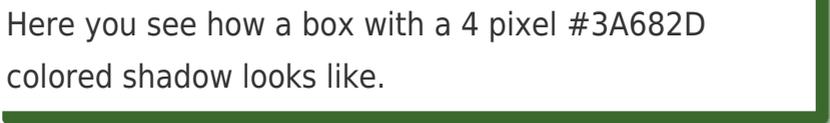
```
.border, #border, table{ border:4px solid
#3A682D }
```

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

```
.border{ border-color:#3A682D }
```

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

Here you see how a box with a 4 pixel #3A682D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A682D; -webkit-box-shadow:4px 4px  
4px 4px #3A682D; box-shadow:4px 4px 4px  
4px #3A682D }
```

# Background

The CSS property to change the background color of an element to Hex 3A682D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A682D }
```

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

```
.background{ background-color:#3A682D }
```

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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