

# Converting Colors

Hex(3A6C2E)

Have a look what the booklet for  
Hex(3A6C2E) contains.

<b>Hex(3A6C2E)</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(3A6C2E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A6C2E
RGB	58, 108, 46
RGB Percent	23%, 42%, 18%
CMY	0.7725, 0.5765, 0.8196
CMYK	0.46, 0.00, 0.57, 0.58
HSL	108°, 40%, 30%
HSV	108°, 57%, 42%
XYZ	7.6006, 11.8219, 4.4660
YIQ	85.9820, -9.8980, -29.8820

# Conversions

## Conversions Part 2

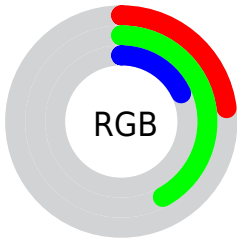
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 108, 96
Decimal	3828782
CIE <sub>Lab</sub>	40.93, -29.98, 29.18
CIE <sub>LCh</sub>	41, 41.840, 135.772
Yxy	11.8219, 0.3182, 0.4949
Android (android.graphics.Color)	4282018862 (0xFF3A6C2E)
YUV	85.9820, -19.7111, -24.5402
Hunter-Lab	34.3830, -20.7115, 16.3669

# Details

The Hex color **3A6C2E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **602E6C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6DA05E**, and **043C00** is the 20% darker color. If you saturate the color by 10%, you get **316C23**, and if you desaturate by 10%, it is **436C39**.

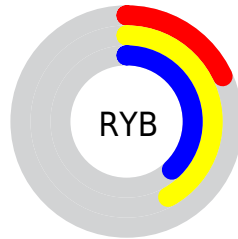
# Distribution



Red (23%)

Green (42%)

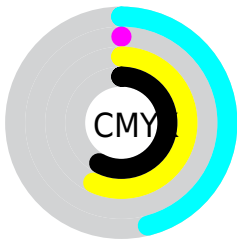
Blue (18%)



Red (18%)

Yellow (42%)

Blue (38%)

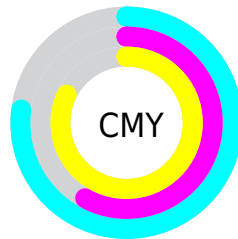


Cyan (46%)

Magenta (0%)

Yellow (57%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A6C2E 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 3A6C2E by changing the saturation by 10% instead.



 3A6C2E

 3A6C2E

FFFFFF

 215317

 6DA05E

 043C00

 87BB77

 002600

 A2D791

 000600

 BEF4AC


 000000

 DAFFC7

 F7FFE4

 3A6C2E

 3A6C2E

 316C23

 436C39

■ 296C18

■ 4B6C44

■ 206C0E

■ 546C4E

■ 176C03

■ 5D6C59

■ 156C00

■ 666C64

■ 6E6C6F

■ 776C7A

■ 806C84

■ 886C8F

# Harmonies

## Analogous

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



626418



3A6C2E



00704E

# Triad

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



3A6C2E



0069A3



9F4250

# Complementary

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



3A6C2E



602E6C

# 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.



974372



3A6C2E



435EA3

# Square

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



3A6C2E



006F91



795091



964B31

# Rectangle

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



3A6C2E



007166



795091



9F415B



# Sweetspot

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



3A6C2E



798C74



6C602E



3C4739



C7C7C7



474747



# Same Dimension

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



3A6C2E



3E8C2B



2E6C41



313630



177500



2FF500



# Inverse Universe

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



602E6C



7A2B8C



6C2E59



353036



5F0075



C500F5



# Previews

## White Background



This preview shows how the Hex color 3A6C2E looks on a white background.

## Color Contrast Check

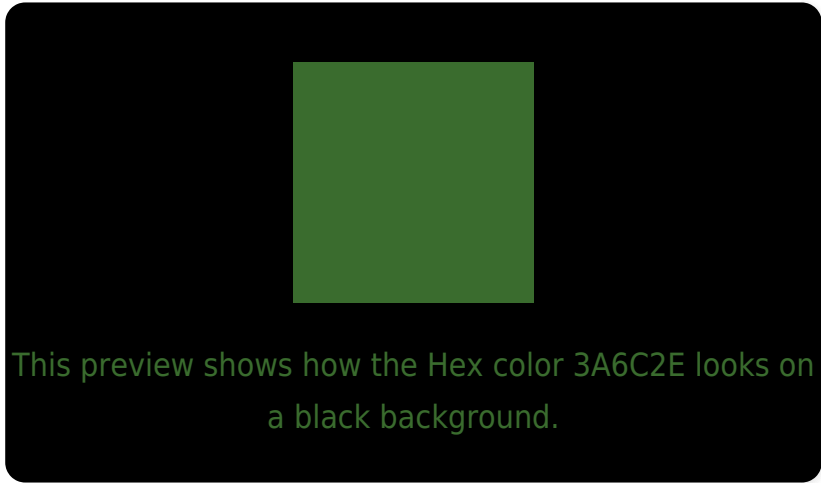
Large Text (above 18pt) WCAG AA ✓ Pass

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

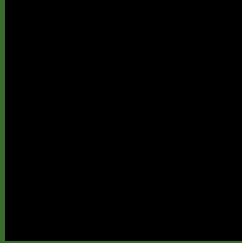
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A6C2E Background



This preview shows how black text looks on a background with the Hex color 3A6C2E.



This preview shows how white text looks on a background with the Hex color 3A6C2E.

# 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**  
3A6C2E

**Protanopia**  
6B602A

**Deuteranopia**  
765C33



**Tritanopia**  
46656E

# Trichromacy



**Original Color**  
3A6C2E

**Protanomaly**  
59642B

**Deuteranomaly**  
606231

**Tritanomaly**  
426857

# Monochromacy



**Original Color**  
3A6C2E

**Achromatopsia**  
565656

**Achromatomaly**  
4C5E47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A6C2E 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 #3A6C2E looks like.

```
.text, #text, p{  
    color:#3A6C2E  
}
```

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 #3A6C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6C2E
}
```

## Border

The CSS property to change the border of an element to Hex 3A6C2E 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".

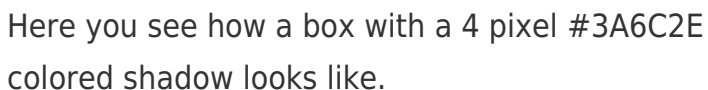
```
.border, #border, table{ border:4px solid
#3A6C2E }
```

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

```
.border{ border-color:#3A6C2E }
```

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

Here you see how a box with a 4 pixel #3A6C2E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6C2E; -webkit-box-shadow:4px 4px  
4px 4px #3A6C2E; box-shadow:4px 4px 4px  
4px #3A6C2E }
```

# Background

The CSS property to change the background color of an element to Hex 3A6C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6C2E }
```

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

```
.background{ background-color:#3A6C2E }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor