

# Converting Colors

Hex(33762E)

Have a look what the booklet for  
Hex(33762E) contains.

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# Color

Hex(33762E)

# Conversions

## Conversions Part 1

Format	Color
Hex	33762E
RGB	51, 118, 46
RGB Percent	20%, 46%, 18%
CMY	0.8000, 0.5373, 0.8196
CMYK	0.57, 0.00, 0.61, 0.54
HSL	116°, 44%, 32%
HSV	116°, 61%, 46%
XYZ	8.3368, 13.8579, 4.8202
YIQ	89.7590, -16.8200, -36.5960

# Conversions

## Conversions Part 2

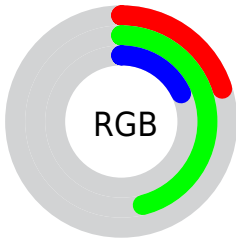
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 118, 113
Decimal	3372590
CIELab	44.03, -36.59, 32.75
CIElCh	44, 49.102, 138.171
Yxy	13.8579, 0.3086, 0.5130
Android (android.graphics.Color)	4281562670 (0xFF33762E)
YUV	89.7590, -21.5732, -33.9916
Hunter-Lab	37.2262, -25.1709, 18.3812

# Details

The Hex color **33762E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **712E76**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **68AB5E**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **287622**, and if you desaturate by 10%, it is **3E763A**.

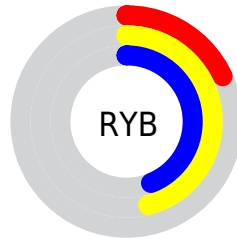
# Distribution



Red (20%)

Green (46%)

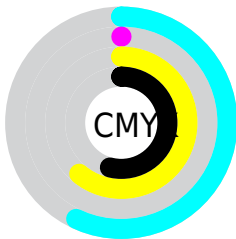
Blue (18%)



Red (18%)

Yellow (46%)

Blue (44%)

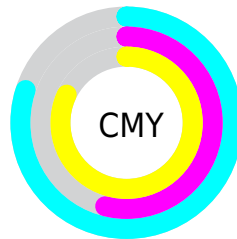


Cyan (57%)

Magenta (0%)

Yellow (61%)

Black (54%)



Cyan (80%)

Magenta (54%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33762E 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 33762E by changing the saturation by 10% instead.



 33762E

 33762E

FFFFFF

 155D16

 68AB5E

 004500

 83C678

 002E00

 9EE392

 001700

 BAFFAD

 000000

 D7FFC9

 F4FFE5

 33762E

 33762E

 287622

 3E763A

■ 1D7616

■ 497646

■ 12760B

■ 547651

■ 087600

■ 5F765D

■ 6A7669

■ 757675

■ 807681

■ 8B768C

■ 967698

# Harmonies

## Analogous

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



656E0E



33762E



007A56

# Triad

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



33762E



0071B8



B14251

# Complementary

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



33762E



712E76

# 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.



A9437A



33762E



4864B6

# Square

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



33762E



0079A4



89529F



A54F2C

# Rectangle

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



33762E



007B72



89529F



B1405F



# Sweetspot

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



33762E



7F997D



76702E



3D4D3C



CCCCCC



4D4D4D



# Same Dimension

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



33762E



319929



2E764C



353B35



097A00



11FA00



# Inverse Universe

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



712E76



912999



762E58



3A353B



72007A

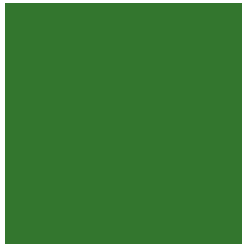


E900FA



# Previews

## White Background



This preview shows how the Hex color 33762E looks on a white background.

## Color Contrast Check

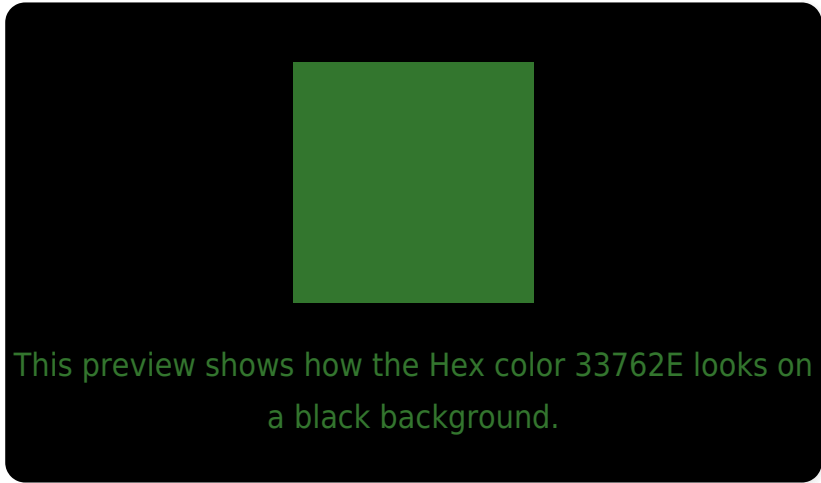
Large Text (above 18pt) WCAG AA ✓ Pass

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

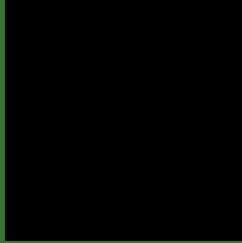
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 33762E Background



This preview shows how black text looks on a background with the Hex color 33762E.



This preview shows how white text looks on a background with the Hex color 33762E.

# 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**  
33762E

**Protanopia**  
73682A

**Deuteranopia**  
7F6334



**Tritanopia**  
436F78

# Trichromacy



**Original Color**  
33762E

**Protanomaly**  
5C6D2B

**Deuteranomaly**  
636A32

**Tritanomaly**  
3D725D

# Monochromacy



**Original Color**  
33762E

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4C644A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33762E 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 #33762E looks like.

```
.text, #text, p{  
    color:#33762E  
}
```

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 #33762E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33762E
}
```

## Border

The CSS property to change the border of an element to Hex 33762E 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".

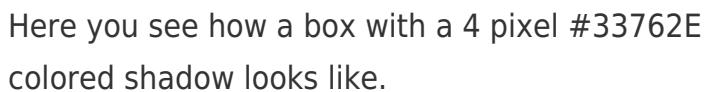
```
.border, #border, table{ border:4px solid
#33762E }
```

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

```
.border{ border-color:#33762E }
```

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

Here you see how a box with a 4 pixel #33762E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33762E; -webkit-box-shadow:4px 4px  
4px 4px #33762E; box-shadow:4px 4px 4px  
4px #33762E }
```

# Background

The CSS property to change the background color of an element to Hex 33762E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33762E }
```

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

```
.background{ background-color:#33762E }
```

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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