

# Converting Colors

Hex(2E662E)

Have a look what the booklet for  
Hex(2E662E) contains.

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# Color

Hex(2E662E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E662E
RGB	46, 102, 46
RGB Percent	18%, 40%, 18%
CMY	0.8196, 0.6000, 0.8196
CMYK	0.55, 0.00, 0.55, 0.60
HSL	120°, 38%, 29%
HSV	120°, 55%, 40%
XYZ	6.3712, 10.2808, 4.2334
YIQ	78.8720, -15.4000, -29.2880

# Conversions

## Conversions Part 2

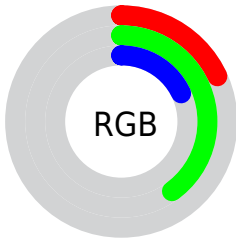
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 102, 102
Decimal	3040814
CIELab	38.34, -31.12, 25.94
CIElCh	38, 40.514, 140.191
Yxy	10.2808, 0.3051, 0.4922
Android (android.graphics.Color)	4281230894 (0xFF2E662E)
YUV	78.8720, -16.2059, -28.8287
Hunter-Lab	32.0638, -20.6427, 14.6166

# Details

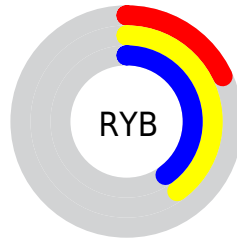
The Hex color **2E662E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **662E66**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **619A5D**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **246624**, and if you desaturate by 10%, it is **386638**.

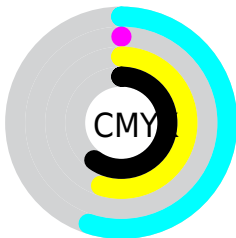
# Distribution



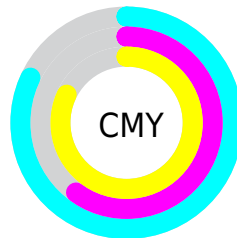
- Red (18%)
- Green (40%)
- Blue (18%)



- Red (18%)
- Yellow (40%)
- Blue (40%)



- Cyan (55%)
- Magenta (0%)
- Yellow (55%)
- Black (60%)



- Cyan (82%)
- Magenta (60%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E662E 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 2E662E by changing the saturation by 10% instead.





2E662E



2E662E

FFFFFF



134E18



619A5D



003600



7BB576



002200



96D090



000000



B1EDAB



CDFFC7



EAFFE3



2E662E



2E662E



246624



386638

■ 1A661A

■ 426642

■ 0F660F

■ 4D664D

■ 056605

■ 576657

■ 006600

■ 616661

■ 6B666B

■ 756675

■ 806680

■ 8A668A

# Harmonies

## Analogous

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



565F17



2E662E



00694E

# Triad

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



2E662E



00619B



963D46

# Complementary

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



2E662E



662E66

# 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.



903D66



2E662E



475698

# Square

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



2E662E



00688C



784885



8B4829

# Rectangle

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



2E662E



006A65



784885



963C50



# Sweetspot

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



2E662E



6F856F



66662E



364236



C2C2C2



424242



# Same Dimension

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



2E662E



2D852D



2E664A



2E332E



007300



00F200



# Inverse Universe

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



662E66



852D85



662E4A



332E33



730073



F200F2



# Previews

## White Background



This preview shows how the Hex color 2E662E looks on a white background.

## Color Contrast Check

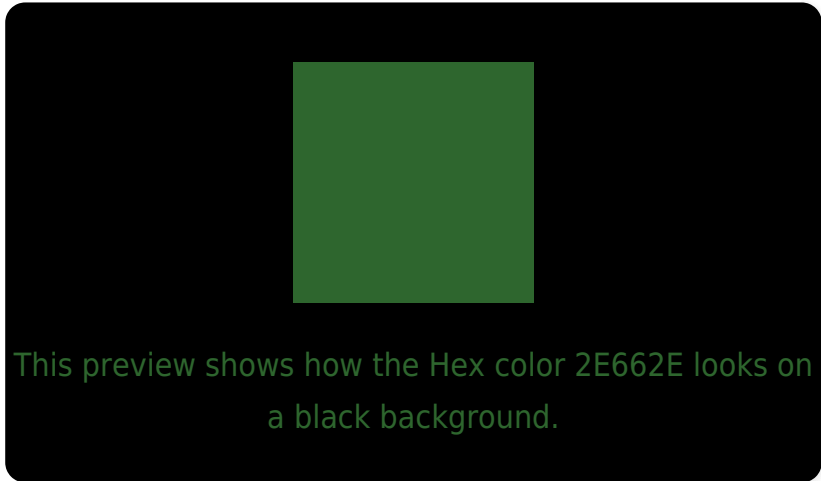
Large Text (above 18pt) WCAG AA ✓ Pass

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

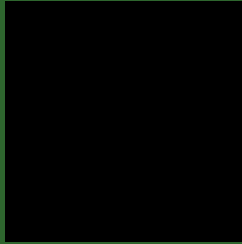
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E662E Background



This preview shows how black text looks on a background with the Hex color 2E662E.



This preview shows how white text looks on a background with the Hex color 2E662E.

# 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**  
2E662E

**Protanopia**  
645A2A

**Deuteranopia**  
6E5632



**Tritanopia**  
3B6068

# Trichromacy



**Original Color**  
2E662E

**Protanomaly**  
505E2B

**Deuteranomaly**  
575C31

**Tritanomaly**  
366253

# Monochromacy



**Original Color**  
2E662E

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
435743

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E662E 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 #2E662E looks like.

```
.text, #text, p{  
    color:#2E662E  
}
```

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 #2E662E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E662E
}
```

## Border

The CSS property to change the border of an element to Hex 2E662E is called "border". The border property can be set on classes, ids or directly on the HTML element.

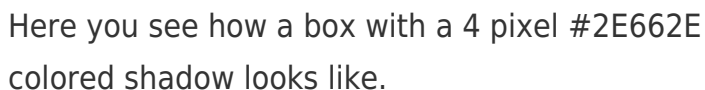
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E662E }
```

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

```
.border{ border-color:#2E662E }
```

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



Here you see how a box with a 4 pixel #2E662E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E662E; -webkit-box-shadow:4px 4px  
4px 4px #2E662E; box-shadow:4px 4px 4px  
4px #2E662E }
```

# Background

The CSS property to change the background color of an element to Hex 2E662E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E662E }
```

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

```
.background{ background-color:#2E662E }
```

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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