

Converting Colors

Hex(2E660C)

Have a look what the booklet for
Hex(2E660C) contains.

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Color

Hex(2E660C)

Conversions

Conversions Part 1	
Format	Color
Hex	2E660C
RGB	46, 102, 12
RGB Percent	18%, 40%, 5%
CMY	0.8196, 0.6000, 0.9529
CMYK	0.55, 0.00, 0.88, 0.60
HSL	97°, 79%, 22%
HSV	97°, 88%, 40%
XYZ	5.9444, 10.1101, 1.9860
YIQ	74.9960, -4.4860, -39.8620

Conversions

Conversions Part 2

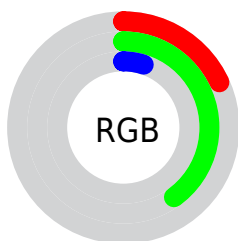
Format	Color
RYB	12, 102, 68
Decimal	3040780
CIELab	38.04, -34.46, 40.53
CIELCh	38, 53.195, 130.375
Yxy	10.1101, 0.3295, 0.5604
Android (android.graphics.Color)	4281230860 (0xFF2E660C)
YUV	74.9960, -31.0570, -25.4295
Hunter-Lab	31.7964, -22.2726, 18.5543

Details

The Hex color **2E660C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **440C66**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **639A40**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **286602**, and if you desaturate by 10%, it is **346616**.

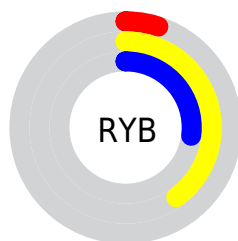
Distribution



Red (18%)

Green (40%)

Blue (5%)



Red (5%)

Yellow (40%)

Blue (27%)

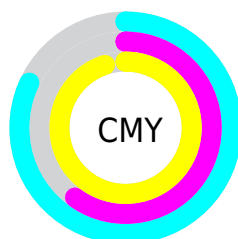


Cyan (55%)

Magenta (0%)

Yellow (88%)

Black (60%)



Cyan (82%)

Magenta (60%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E660C 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 2E660C by changing the saturation by 10% instead.

 2E660C

 2E660C

FFFFFFD

 114E00

 639A40

 003600

 7DB559

 002300

 98D073

 000000

 B4ED8D

 D1FFA8

 EDFFC4

 FFFFEO

 2E660C

 2E660C

 286602

 346616

 276600

 3B6620


 41662B

 476635

 4E663F

 546649

 5A6653

 61665E

 676668

Harmonies

Analogous

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



5F5C00



2E660C



006B3B

Triad

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



2E660C



0066AB



A5294C

Complementary

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



2E660C



440C66

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.



973177



2E660C



005AAF

Square

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



2E660C



006C91



6D479C



9C3823

Rectangle

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



2E660C



006D59



6D479C



A3285B

Sweetspot

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



2E660C



6F8562



66440C



36422E



C2C2C2



424242

Same Dimension

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



2E660C



328500



0C6617



30332E



2B7300



5CF200

Inverse Universe

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



440C66



530085



660C5C



312E33



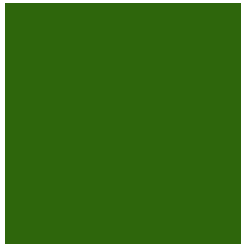
470073



9700F2

Previews

White Background



This preview shows how the Hex color 2E660C looks on a white background.

Color Contrast Check

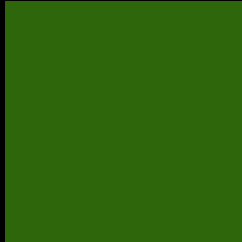
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2E660C looks on a 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 2E660C Background



This preview shows how black text looks on a background with the Hex color 2E660C.



This preview shows how white text looks on a background with the Hex color 2E660C.

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
2E660C



Protanopia
655907

Deuteranopia
705518






Tritanopia
3D5F67

Trichromacy

	Original Color 2E660C
	Protanomaly 515E09
	Deuteranomaly 585B14
	Tritanomaly 386246

Monochromacy

	Original Color 2E660C
	Achromatopsia 4B4B4B
	Achromatomaly 405534

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E660C 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 #2E660C looks like.

```
.text, #text, p{  
    color:#2E660C  
}
```

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 #2E660C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E660C
}
```

Border

The CSS property to change the border of an element to Hex 2E660C 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
#2E660C }
```

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

```
.border{ border-color:#2E660C }
```

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

Here you see how a box with a 4 pixel #2E660C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E660C; -webkit-box-shadow:4px 4px  
4px 4px #2E660C; box-shadow:4px 4px 4px  
4px #2E660C }
```

Background

The CSS property to change the background color of an element to Hex 2E660C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E660C }
```

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

```
.background{ background-color:#2E660C }
```

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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