

# Converting Colors

Hex(2E6808)

Have a look what the booklet for  
Hex(2E6808) contains.

<b>Hex(2E6808)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(2E6808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E6808
RGB	46, 104, 8
RGB Percent	18%, 41%, 3%
CMY	0.8196, 0.5922, 0.9686
CMYK	0.56, 0.00, 0.92, 0.59
HSL	96°, 86%, 22%
HSV	96°, 92%, 41%
XYZ	6.1209, 10.4990, 1.9336
YIQ	75.7140, -3.7520, -42.1520

# Conversions

## Conversions Part 2

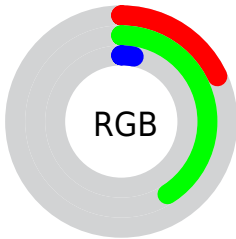
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 104, 66
Decimal	3041288
CIELab	38.72, -35.46, 42.17
CIELCh	39, 55.100, 130.062
Yxy	10.4990, 0.3299, 0.5659
Android (android.graphics.Color)	4281231368 (0xFF2E6808)
YUV	75.7140, -33.3830, -26.0592
Hunter-Lab	32.4022, -22.9847, 19.1433

# Details

The Hex color **2E6808** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **420868**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **639C3F**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **296800**, and if you desaturate by 10%, it is **346812**.

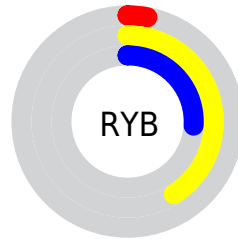
# Distribution



Red (18%)

Green (41%)

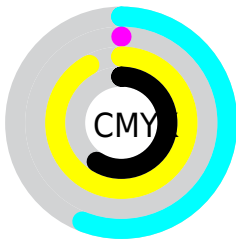
Blue (3%)



Red (3%)

Yellow (41%)

Blue (26%)

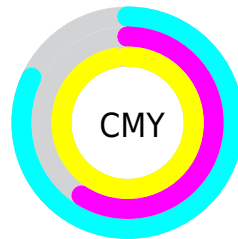


Cyan (56%)

Magenta (0%)

Yellow (92%)

Black (59%)



Cyan (82%)

Magenta (59%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E6808 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 2E6808 by changing the saturation by 10% instead.



 2E6808

 2E6808

 FFFFFC

 104F00

 639C3F

 003800

 7EB758

 002400

 99D371

 000000

 B5EF8C

 D1FFA7

 EEFFC3

 FFFFDF

 2E6808

 2E6808

■ 296800

■ 346812

■ 3B681D

■ 416827

■ 476832

■ 4D683C

■ 546846

■ 5A6851

■ 60685B

■ 676866

# Harmonies

## Analogous

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



615E00



2E6808



006D3B

# Triad

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



2E6808



0068B0



A9274E

# Complementary

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



2E6808



420868

# 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.



9B307B



2E6808



005CB4

# Square

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



2E6808



006E94



6F48A0



A13823

# Rectangle

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



2E6808



006F5A



6F48A0



A7275D



# Sweetspot

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



2E6808



708761



684208



37452D



C4C4C4



454545



# Same Dimension

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



2E6808



358700



086812



30332E



2D7300



60F200



# Inverse Universe

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



420868



520087



68085E



312E33



450073

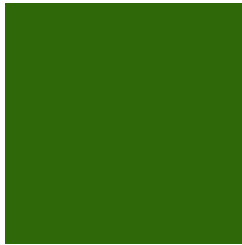


9200F2



# Previews

## White Background



This preview shows how the Hex color 2E6808 looks on a white background.

## Color Contrast Check

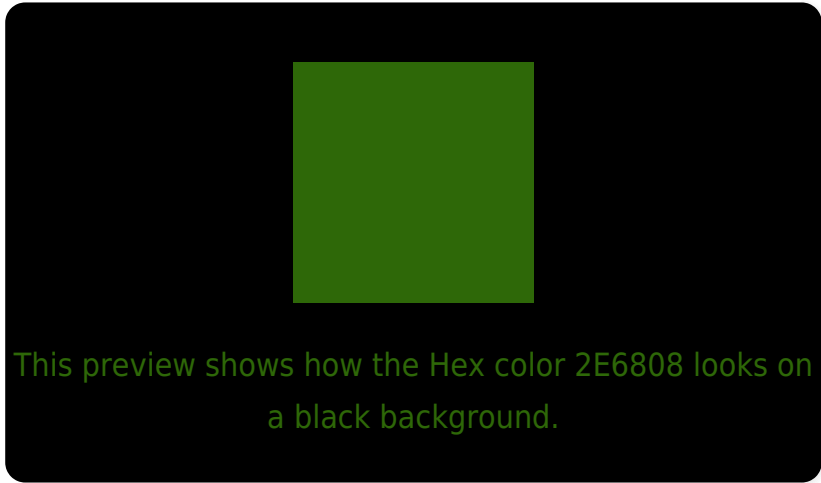
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E6808 Background



This preview shows how black text looks on a background with the Hex color 2E6808.



This preview shows how white text looks on a background with the Hex color 2E6808.

# 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**  
2E6808

**Protanopia**  
675B00

**Deuteranopia**  
725617



**Tritanopia**  
3D6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E6808 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 #2E6808 looks like.

```
.text, #text, p{  
    color:#2E6808  
}
```

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 #2E6808 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6808
}
```

## Border

The CSS property to change the border of an element to Hex 2E6808 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
#2E6808 }
```

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

```
.border{ border-color:#2E6808 }
```

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

Here you see how a box with a 4 pixel #2E6808 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6808; -webkit-box-shadow:4px 4px  
4px 4px #2E6808; box-shadow:4px 4px 4px  
4px #2E6808 }
```

# Background

The CSS property to change the background color of an element to Hex 2E6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6808 }
```

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

```
.background{ background-color:#2E6808 }
```

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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