

Converting Colors

Hex(2E6911)

Have a look what the booklet for
Hex(2E6911) contains.

Hex(2E6911)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E6911)

Conversions

Conversions Part 1

Format	Color
Hex	2E6911
RGB	46, 105, 17
RGB Percent	18%, 41%, 7%
CMY	0.8196, 0.5882, 0.9333
CMYK	0.56, 0.00, 0.84, 0.59
HSL	100°, 72%, 24%
HSV	100°, 84%, 41%
XYZ	6.2795, 10.7245, 2.2694
YIQ	77.3270, -6.9160, -39.8760

Conversions

Conversions Part 2

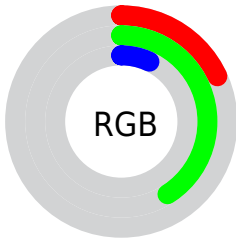
Format	Color
RYB	17, 105, 76
Decimal	3041553
CIELab	39.11, -35.42, 39.98
CIELCh	39, 53.417, 131.541
Yxy	10.7245, 0.3258, 0.5564
Android (android.graphics.Color)	4281231633 (0xFF2E6911)
YUV	77.3270, -29.7412, -27.4738
Hunter-Lab	32.7482, -23.0821, 18.8151

Details

The Hex color **2E6911** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4C1169**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **639D44**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **276907**, and if you desaturate by 10%, it is **35691B**.

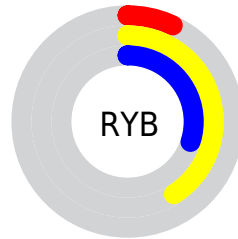
Distribution



Red (18%)

Green (41%)

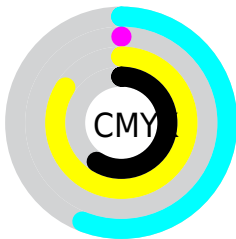
Blue (7%)



Red (7%)

Yellow (41%)

Blue (30%)

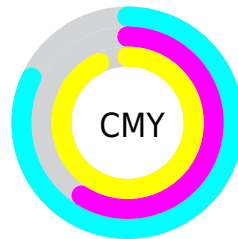


Cyan (56%)

Magenta (0%)

Yellow (84%)

Black (59%)



Cyan (82%)

Magenta (59%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6911 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 2E6911 by changing the saturation by 10% instead.

 2E6911

 2E6911

FFFFFF

 105000

 639D44

 003900

 7EB85D

 002500

 99D477

 000000

 B5F091

 D1FFAC

 EEFFC8

 FFFF E5

 2E6911

 2E6911

■ 276907

■ 35691B

■ 236900

■ 3C6926

■ 436931

■ 4A693B

■ 516946

■ 586950

■ 5F695B

■ 666965

■ 6D6970

Harmonies

Analogous

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



605F00



2E6911



006E3F

Triad

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



2E6911



0068AF



A92C4D

Complementary

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



2E6911



4C1169

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.



9B3379



2E6911



005CB2

Square

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



2E6911



006E95



72489E



9F3C24

Rectangle

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



2E6911



006F5D



72489E



A72B5C

Sweetspot

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



2E6911



738A67



694C11



374530



C4C4C4



454545

Same Dimension

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



2E6911



2D8A00



116920



323630



277500



51F500

Inverse Universe

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



4C1169



5C008A



69115A



343036



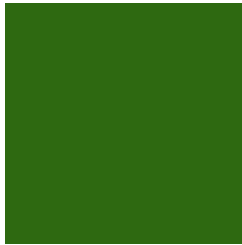
4F0075



A400F5

Previews

White Background



This preview shows how the Hex color 2E6911 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

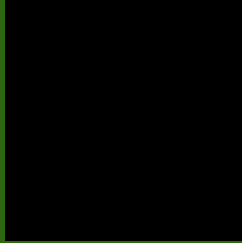
Any Text WCAG AA × Fail

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 2E6911 Background



This preview shows how black text looks on a background with the Hex color 2E6911.



This preview shows how white text looks on a background with the Hex color 2E6911.

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
2E6911

Protanopia
675C0D

Deuteranopia
73571B



Tritanopia
3E626A

Trichromacy



Original Color
2E6911

Protanomaly
52610E

Deuteranomaly
5A5E17

Tritanomaly
38654A

Monochromacy



Original Color
2E6911

Achromatopsia
4D4D4D

Achromatomaly
425737

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6911 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 #2E6911 looks like.

```
.text, #text, p{  
    color:#2E6911  
}
```

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 #2E6911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6911
}
```

Border

The CSS property to change the border of an element to Hex 2E6911 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
#2E6911 }
```

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

```
.border{ border-color:#2E6911 }
```

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

Here you see how a box with a 4 pixel #2E6911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6911; -webkit-box-shadow:4px 4px  
4px 4px #2E6911; box-shadow:4px 4px 4px  
4px #2E6911 }
```

Background

The CSS property to change the background color of an element to Hex 2E6911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6911 }
```

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

```
.background{ background-color:#2E6911 }
```

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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