

Converting Colors

Hex(2E6F00)

Have a look what the booklet for
Hex(2E6F00) contains.

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Color

Hex(2E6F00)

Conversions

Conversions Part 1

Format	Color
Hex	2E6F00
RGB	46, 111, 0
RGB Percent	18%, 44%, 0%
CMY	0.8196, 0.5647, 1.0000
CMYK	0.59, 0.00, 1.00, 0.56
HSL	95°, 100%, 22%
HSV	95°, 100%, 44%
XYZ	6.8112, 11.9497, 1.9475
YIQ	78.9110, -3.1090, -48.3010

Conversions

Conversions Part 2

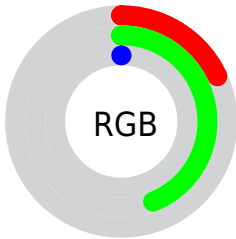
Format	Color
RYB	0, 111, 65
Decimal	3043072
CIELab	41.14, -38.59, 46.21
CIELCh	41, 60.204, 129.871
Yxy	11.9497, 0.3289, 0.5770
Android (android.graphics.Color)	4281233152 (0xFF2E6F00)
YUV	78.9110, -38.9031, -28.8629
Hunter-Lab	34.5684, -25.3240, 20.8575

Details

The Hex color **2E6F00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **41006F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **65A33C**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **2E6F00**, and if you desaturate by 10%, it is **356F0B**.

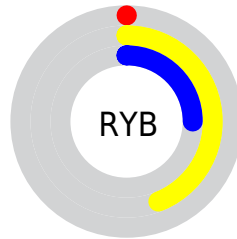
Distribution



Red (18%)

Green (44%)

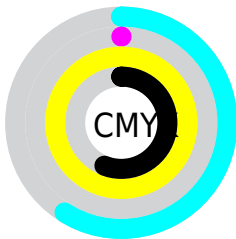
Blue (0%)



Red (0%)

Yellow (44%)

Blue (25%)

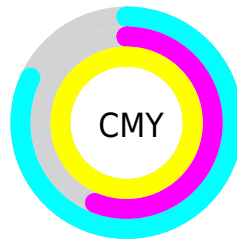


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (82%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6F00 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 2E6F00 by changing the saturation by 10% instead.

 2E6F00

 2E6F00

 FFFFFFFA

 0D5600

 65A33C

 003E00

 80BF55

 002900

 9BDB6F

 000800

 B7F88A

 000000

 D4FFA5

 F1FFC1

 FFFFDD

 2E6F00

 356F0B

 3B6F16

 426F21

 486F2C

 4F6F38

 556F43

 5C6F4E

 626F59

 696F64

Harmonies

Analogous

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



676400



2E6F00



00753D

Triad

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



2E6F00



0070BE



B72453

Complementary

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



2E6F00



41006F

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.



A73084



2E6F00



0062C3

Square

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



2E6F00



0076A0



764BAE



AD3923

Rectangle

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



2E6F00



00765F



764BAE



B52463

Sweetspot

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



2E6F00



789166



6F4100



3A4A2F



C9C9C9



4A4A4A

Same Dimension

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



2E6F00



3C9100



006F09



353832



327800



67F700

Inverse Universe

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



41006F



550091



6F0066



363238



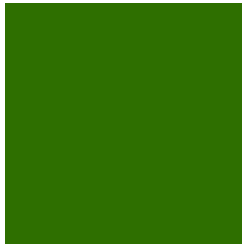
460078



9100F7

Previews

White Background



This preview shows how the Hex color 2E6F00 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 2E6F00 Background



This preview shows how black text looks on a background with the Hex color 2E6F00.



This preview shows how white text looks on a background with the Hex color 2E6F00.

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
2E6F00

Protanopia
6D6100

Deuteranopia
7A5C17



Tritanopia
3F676F

Trichromacy



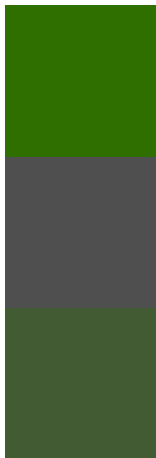
Original Color
2E6F00

Protanomaly
566600

Deuteranomaly
5E630F

Tritanomaly
396A47

Monochromacy



Original Color
2E6F00

Achromatopsia
4F4F4F

Achromatomaly
435B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6F00 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 #2E6F00 looks like.

```
.text, #text, p{  
    color:#2E6F00  
}
```

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 #2E6F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6F00
}
```

Border

The CSS property to change the border of an element to Hex 2E6F00 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".

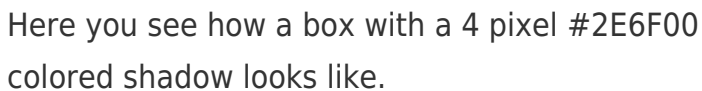
```
.border, #border, table{ border:4px solid
#2E6F00 }
```

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

```
.border{ border-color:#2E6F00 }
```

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

Here you see how a box with a 4 pixel #2E6F00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6F00; -webkit-box-shadow:4px 4px  
4px 4px #2E6F00; box-shadow:4px 4px 4px  
4px #2E6F00 }
```

Background

The CSS property to change the background color of an element to Hex 2E6F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6F00 }
```

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

```
.background{ background-color:#2E6F00 }
```

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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