

Converting Colors

Hex(2F6E00)

Have a look what the booklet for
Hex(2F6E00) contains.

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Color

Hex(2F6E00)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2F6E00 |
| RGB | 47, 110, 0 |
| RGB Percent | 18%, 43%, 0% |
| CMY | 0.8157, 0.5686, 1.0000 |
| CMYK | 0.57, 0.00, 1.00, 0.57 |
| HSL | 94°, 100%, 22% |
| HSV | 94°, 100%, 43% |
| XYZ | 6.7482, 11.7562, 1.9135 |
| YIQ | 78.6230, -2.2380, -47.5660 |

Conversions

Conversions Part 2

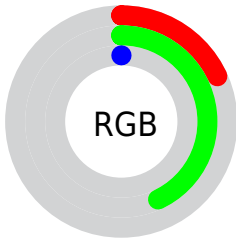
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 110, 63 |
| Decimal | 3108352 |
| CIELab | 40.83, -37.90, 45.98 |
| CIELCh | 41, 59.585, 129.499 |
| Yxy | 11.7562, 0.3305, 0.5758 |
| Android (android.graphics.Color) | 4281298432 (0xFF2F6E00) |
| YUV | 78.6230, -38.7611, -27.7334 |
| Hunter-Lab | 34.2873, -24.8715, 20.6923 |

Details

The Hex color **2F6E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3F006E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **65A23C**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **2F6E00**, and if you desaturate by 10%, it is **356E0B**.

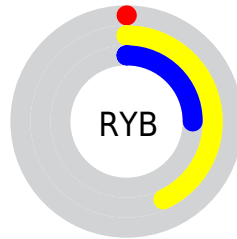
Distribution



Red (18%)

Green (43%)

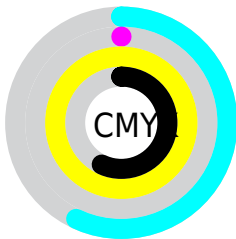
Blue (0%)



Red (0%)

Yellow (43%)

Blue (25%)

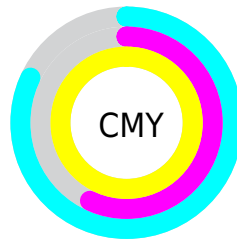


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (82%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6E00 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 2F6E00 by changing the saturation by 10% instead.

 2F6E00

 2F6E00

 FFFFFA

 0F5500

 65A23C

 003D00

 80BE55

 002800

 9CDA6F

 000600

 B8F68A

 000000

 D5FFA5

 F2FFC0

 FFFFDD

 2F6E00

 356E0B

 3C6E16

 426E21

 486E2C

 4F6E37

 556E42

 5B6E4D

 616E58

 686E63

Harmonies

Analogous

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



676300



2F6E00



00743C

Triad

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



2F6E00



006FBC



B52453

Complementary

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



2F6E00



3F006E

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.



A53084



2F6E00



0061C2

Square

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



2F6E00



00759E



744BAC



AC3924

Rectangle

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



2F6E00



00755E



744BAC



B32463

Sweetspot

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



2F6E00



768F64



6E3E00



39472E



C7C7C7



474747

Same Dimension

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



2F6E00



3D8F00



006E07



353832



337800



6AF700

Inverse Universe

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



3F006E



52008F



6E0067



363238



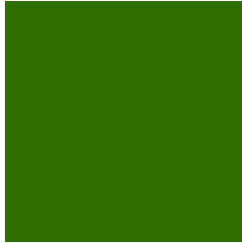
450078



8E00F7

Previews

White Background



This preview shows how the Hex color 2F6E00 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 2F6E00 Background



This preview shows how black text looks on a background with the Hex color 2F6E00.



This preview shows how white text looks on a background with the Hex color 2F6E00.

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
2F6E00

Protanopia
6C6000

Deuteranopia
795B17



Tritanopia
40666E

Trichromacy



Original Color
2F6E00

Protanomaly
566500

Deuteranomaly
5E620F

Tritanomaly
3A6946

Monochromacy



Original Color
2F6E00

Achromatopsia
4F4F4F

Achromatomaly
435A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6E00 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 #2F6E00 looks like.

```
.text, #text, p{  
    color:#2F6E00  
}
```

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 #2F6E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6E00  
}
```

Border

The CSS property to change the border of an element to Hex 2F6E00 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".

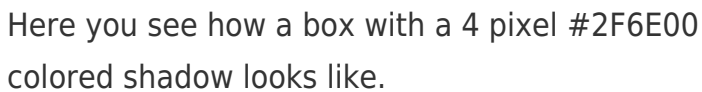
```
.border, #border, table{ border:4px solid  
#2F6E00 }
```

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

```
.border{ border-color:#2F6E00 }
```

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

Here you see how a box with a 4 pixel #2F6E00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset, 4px blur, and 4px spread, colored #2F6E00.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6E00; -webkit-box-shadow:4px 4px  
4px 4px #2F6E00; box-shadow:4px 4px 4px  
4px #2F6E00 }
```

Background

The CSS property to change the background color of an element to Hex 2F6E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6E00 }
```

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

```
.background{ background-color:#2F6E00 }
```

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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