

Converting Colors

Hex(2F7717)

Have a look what the booklet for
Hex(2F7717) contains.

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Color

Hex(2F7717)

Conversions

Conversions Part 1

Format	Color
Hex	2F7717
RGB	47, 119, 23
RGB Percent	18%, 47%, 9%
CMY	0.8157, 0.5333, 0.9098
CMYK	0.61, 0.00, 0.81, 0.53
HSL	105°, 68%, 28%
HSV	105°, 81%, 47%
XYZ	7.9238, 13.8599, 3.0682
YIQ	86.5280, -12.0960, -45.1200

Conversions

Conversions Part 2

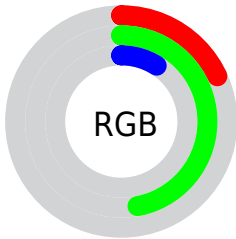
Format	Color
RYB	23, 119, 95
Decimal	3110679
CIELab	44.03, -40.33, 42.64
CIELCh	44, 58.693, 133.405
Yxy	13.8599, 0.3188, 0.5577
Android (android.graphics.Color)	4281300759 (0xFF2F7717)
YUV	86.5280, -31.3193, -34.6661
Hunter-Lab	37.2288, -27.1586, 21.1738

Details

The Hex color **2F7717** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5F1777**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **66AC4B**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **26770B**, and if you desaturate by 10%, it is **387723**.

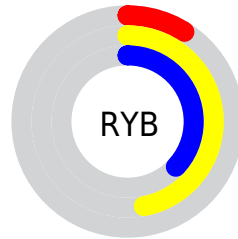
Distribution



Red (18%)

Green (47%)

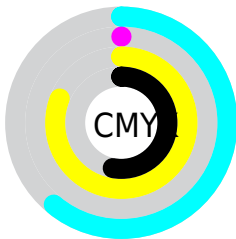
Blue (9%)



Red (9%)

Yellow (47%)

Blue (37%)

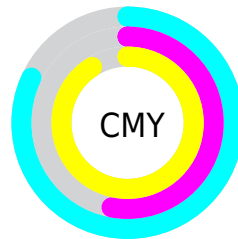


Cyan (61%)

Magenta (0%)

Yellow (81%)

Black (53%)



Cyan (82%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7717 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 2F7717 by changing the saturation by 10% instead.

■ 2F7717

■ 2F7717

FFFFFF

■ 0C5E00

■ 66AC4B

■ 004500

■ 81C864

■ 002E00

■ 9DE47E

■ 001700

■ B9FF99

■ 000000

■ D6FFB4

■ F3FFD0

■ FFFFED

■ 2F7717

■ 2F7717

■ 26770B

■ 387723

■ 1E7700

■ 41772F

■ 4A773B

■ 537747

■ 5C7752

■ 65775E

■ 6D776A

■ 767776

■ 7F7782

Harmonies

Analogous

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



6A6D00



2F7717



007C4A

Triad

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



2F7717



0075C6



BE3254

Complementary

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



2F7717



5F1777

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.



B13885



2F7717



0C67C8

Square

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



2F7717



007CAA



8550B0



B24526

Rectangle

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



2F7717



007E6C



8550B0



BD3165

Sweetspot

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



2F7717



809C76



775F17



3E4F38



CFCFCF



4F4F4F

Same Dimension

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



2F7717



2A9C05



17772F



363B35



1F7A00



3EFA00

Inverse Universe

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



5F1777



76059C



77175F



39353B



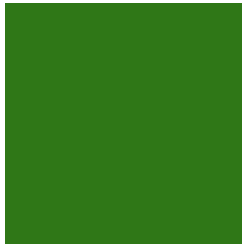
5C007A



BB00FA

Previews

White Background



This preview shows how the Hex color 2F7717 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 2F7717 Background



This preview shows how black text looks on a background with the Hex color 2F7717.



This preview shows how white text looks on a background with the Hex color 2F7717.

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
2F7717

Protanopia
756813

Deuteranopia
826221



Tritanopia
426F78

Trichromacy



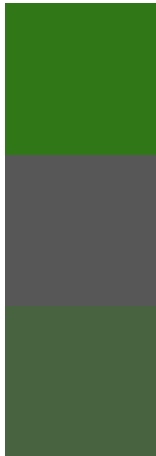
Original Color
2F7717

Protanomaly
5C6D14

Deuteranomaly
646A1D

Tritanomaly
3B7255

Monochromacy



Original Color
2F7717

Achromatopsia
575757

Achromatomaly
486340

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7717 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 #2F7717 looks like.

```
.text, #text, p{  
    color:#2F7717  
}
```

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 #2F7717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7717
}
```

Border

The CSS property to change the border of an element to Hex 2F7717 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".

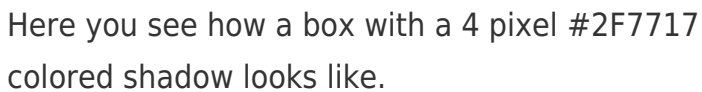
```
.border, #border, table{ border:4px solid
#2F7717 }
```

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

```
.border{ border-color:#2F7717 }
```

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

Here you see how a box with a 4 pixel #2F7717 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7717; -webkit-box-shadow:4px 4px  
4px 4px #2F7717; box-shadow:4px 4px 4px  
4px #2F7717 }
```

Background

The CSS property to change the background color of an element to Hex 2F7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7717 }
```

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

```
.background{ background-color:#2F7717 }
```

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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