

# Converting Colors

Hex(2F5D2F)

Have a look what the booklet for  
Hex(2F5D2F) contains.

<b>Hex(2F5D2F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2F5D2F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F5D2F
RGB	47, 93, 47
RGB Percent	18%, 36%, 18%
CMY	0.8157, 0.6353, 0.8157
CMYK	0.49, 0.00, 0.49, 0.64
HSL	120°, 33%, 27%
HSV	120°, 49%, 36%
XYZ	5.5997, 8.6383, 4.0615
YIQ	74.0020, -12.6500, -24.0580

# Conversions

## Conversions Part 2

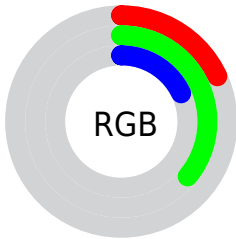
Format	Color
<a href="#">RYB</a>	<a href="#">47, 93, 93</a>
Decimal	<a href="#">3104047</a>
CIELab	<a href="#">35.28, -26.47, 21.59</a>
CIELCh	<a href="#">35, 34.156, 140.804</a>
Yxy	<a href="#">8.6383, 0.3060, 0.4720</a>
Android (android.graphics.Color)	<a href="#">4281294127 (0xFF2F5D2F)</a>
YUV	<a href="#">74.0020, -13.3120, -23.6808</a>
Hunter-Lab	<a href="#">29.3909, -17.4253, 12.3804</a>

# Details

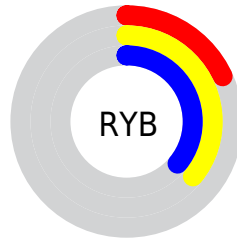
The Hex color **2F5D2F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D2F5D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **60905E**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **265D26**, and if you desaturate by 10%, it is **385D38**.

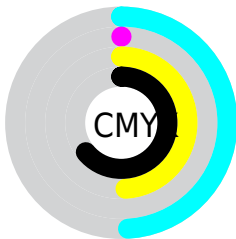
# Distribution



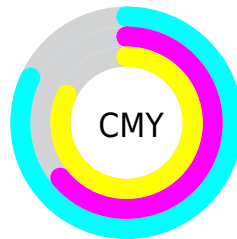
- Red (18%)
- Green (36%)
- Blue (18%)



- Red (18%)
- Yellow (36%)
- Blue (36%)



- Cyan (49%)
- Magenta (0%)
- Yellow (49%)
- Black (64%)



- Cyan (82%)
- Magenta (64%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F5D2F 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 2F5D2F by changing the saturation by 10% instead.



 2F5D2F

 2F5D2F

FFFFFF

 164519

 60905E

 002E00

 7AAA77

 001B00

 95C691

 000000

 B0E2AB

 CCFFC7

 E8FFE3

 2F5D2F

 2F5D2F

 265D26

 385D38

■ 1C5D1C

■ 425D42

■ 135D13

■ 4B5D4B

■ 0A5D0A

■ 545D54

■ 015D01

■ 5E5D5E

■ 005D00

■ 675D67

■ 705D70

■ 795D79

■ 835D83

# Harmonies

## Analogous

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



50571D



2F5D2F



006049

# Triad

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



2F5D2F



005889



853C41

# Complementary

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



2F5D2F



5D2F5D

# 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.



813C5D



2F5D2F



464F86

# Square

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



2F5D2F



005E7D



6C4476



7C4429

# Rectangle

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



2F5D2F



00615C



6C4476



853B4A



# Sweetspot

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



2F5D2F



667866



5D5D2F



323D32



BDBDBD



3D3D3D



# Same Dimension

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



2F5D2F



317831



2F5D46



292E29



006E00



00ED00



# Inverse Universe

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



5D2F5D



783178



5D2F46



2E292E



6E006E

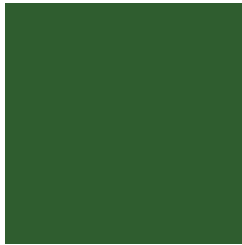


ED00ED



# Previews

## White Background



This preview shows how the Hex color 2F5D2F 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 2F5D2F Background



This preview shows how black text looks on a background with the Hex color 2F5D2F.



This preview shows how white text looks on a background with the Hex color 2F5D2F.

# 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**  
2F5D2F

**Protanopia**  
5B532B

**Deuteranopia**  
644F33



**Tritanopia**  
39585F

# Trichromacy



**Original Color**  
2F5D2F

**Protanomaly**  
4B572C

**Deuteranomaly**  
515432

**Tritanomaly**  
355A4E

# Monochromacy



**Original Color**  
2F5D2F

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
405140

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F5D2F 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 #2F5D2F looks like.

```
.text, #text, p{  
    color:#2F5D2F  
}
```

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 #2F5D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5D2F
}
```

## Border

The CSS property to change the border of an element to Hex 2F5D2F 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".

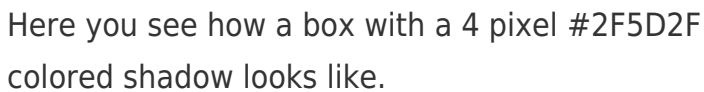
```
.border, #border, table{ border:4px solid
#2F5D2F }
```

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

```
.border{ border-color:#2F5D2F }
```

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

Here you see how a box with a 4 pixel #2F5D2F colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5D2F; -webkit-box-shadow:4px 4px  
4px 4px #2F5D2F; box-shadow:4px 4px 4px  
4px #2F5D2F }
```

# Background

The CSS property to change the background color of an element to Hex 2F5D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5D2F }
```

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

```
.background{ background-color:#2F5D2F }
```

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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