

# Converting Colors

Hex(2F7626)

Have a look what the booklet for  
Hex(2F7626) contains.

<b>Hex(2F7626)</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(2F7626)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F7626
RGB	47, 118, 38
RGB Percent	18%, 46%, 15%
CMY	0.8157, 0.5373, 0.8510
CMYK	0.60, 0.00, 0.68, 0.54
HSL	113°, 51%, 31%
HSV	113°, 68%, 46%
XYZ	8.0006, 13.7011, 4.0566
YIQ	87.6510, -16.6360, -39.9320

# Conversions

## Conversions Part 2

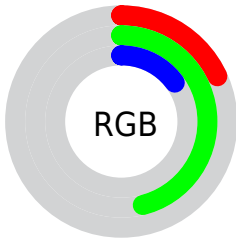
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 118, 109
Decimal	3110438
CIE <sub>Lab</sub>	43.80, -38.64, 36.31
CIE <sub>LCh</sub>	44, 53.019, 136.780
Yxy	13.7011, 0.3106, 0.5319
Android (android.graphics.Color)	4281300518 (0xFF2F7626)
YUV	87.6510, -24.4779, -35.6509
Hunter-Lab	37.0151, -26.1947, 19.4127

# Details

The Hex color **2F7626** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6D2676**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **65AB57**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **25761A**, and if you desaturate by 10%, it is **397632**.

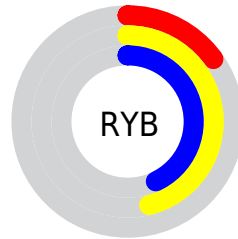
# Distribution



 Red (18%)

 Green (46%)

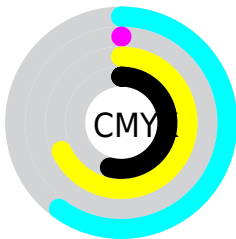
 Blue (15%)




 Red (15%)

 Yellow (46%)

 Blue (43%)

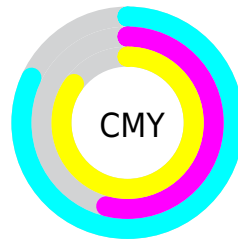


 Cyan (60%)


 Magenta (0%)

 Yellow (68%)

 Black (54%)



 Cyan (82%)

 Magenta (54%)

 Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F7626 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 2F7626 by changing the saturation by 10% instead.



 2F7626

 2F7626


FFFFFF

 0E5D0C

 65AB57

 004400

 80C770

 002E00

 9CE38A

 001600

 B8FFA5

 000000

 D4FFC1

 F1FFDD

 FFFFFA

 2F7626

 2F7626

■ 25761A

■ 397632

■ 1A760E

■ 44763E

■ 107603

■ 4E7649

■ 0D7600

■ 597655

■ 637661

■ 6E766D

■ 787679

■ 837684

■ 8D7690

# Harmonies

## Analogous

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



656D00



2F7626



007B52

# Triad

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



2F7626



0072BD



B63C51

# Complementary

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



2F7626



6D2676

# 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.



AD3E7D



2F7626



3B64BC

# Square

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



2F7626



007AA7



8850A4



A94B28

# Rectangle

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



2F7626



007C71



8850A4



B53A5F



# Sweetspot

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



2F7626



7E997A



766D26



3C4D3A



CCCCCC



4D4D4D



# Same Dimension

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



2F7626



2B991D



267645



353B35



0E7A00



1CFA00



# Inverse Universe

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



6D2676



8B1D99



762657



3A353B



6D007A



DE00FA



# Previews

## White Background



This preview shows how the Hex color 2F7626 looks on a white background.

## Color Contrast Check

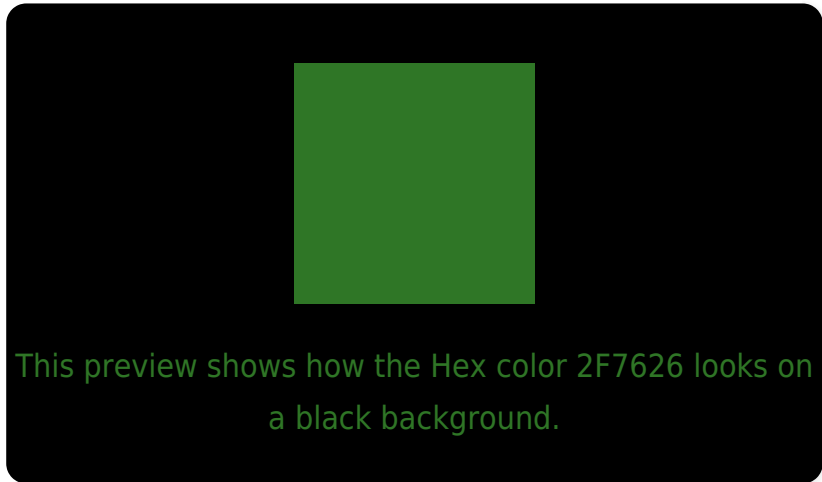
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F7626 Background



This preview shows how black text looks on a background with the Hex color 2F7626.



This preview shows how white text looks on a background with the Hex color 2F7626.

# 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**  
2F7626

**Protanopia**  
736722

**Deuteranopia**  
80622D



**Tritanopia**  
416E77

# Trichromacy



**Original Color**  
2F7626



**Protanomaly**  
5A6C23



**Deuteranomaly**  
63692A



**Tritanomaly**  
3A715A

# Monochromacy



**Original Color**  
2F7626



**Achromatopsia**  
585858



**Achromatomaly**  
496346

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F7626 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 #2F7626 looks like.

```
.text, #text, p{  
    color:#2F7626  
}
```

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 #2F7626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7626
}
```

## Border

The CSS property to change the border of an element to Hex 2F7626 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".

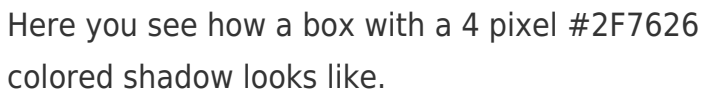
```
.border, #border, table{ border:4px solid
#2F7626 }
```

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

```
.border{ border-color:#2F7626 }
```

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

Here you see how a box with a 4 pixel #2F7626 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7626; -webkit-box-shadow:4px 4px  
4px 4px #2F7626; box-shadow:4px 4px 4px  
4px #2F7626 }
```

# Background

The CSS property to change the background color of an element to Hex 2F7626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7626 }
```

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

```
.background{ background-color:#2F7626 }
```

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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