

Converting Colors

Hex(2F6038)

Have a look what the booklet for
Hex(2F6038) contains.

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Color

Hex(2F6038)

Conversions

Conversions Part 1

Format	Color
Hex	2F6038
RGB	47, 96, 56
RGB Percent	18%, 38%, 22%
CMY	0.8157, 0.6235, 0.7804
CMYK	0.51, 0.00, 0.42, 0.62
HSL	131°, 34%, 28%
HSV	131°, 51%, 38%
XYZ	6.0690, 9.2556, 5.2080
YIQ	76.7890, -16.3640, -22.8280

Conversions

Conversions Part 2

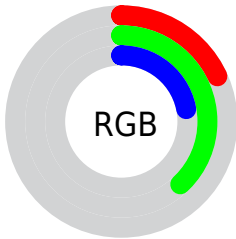
Format	Color
R_{YB}	47, 88, 96
Decimal	3104824
CIE _{Lab}	36.47, -26.33, 17.87
CIE _{LCh}	36, 31.817, 145.833
Yxy	9.2556, 0.2956, 0.4508
Android (android.graphics.Color)	4281294904 (0xFF2F6038)
YUV	76.7890, -10.2490, -26.1250
Hunter-Lab	30.4230, -17.6320, 11.1464

Details

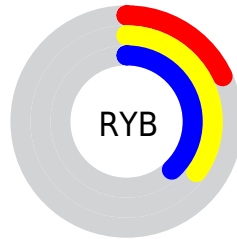
The Hex color **2F6038** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **602F57**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **619367**, and **00310D** is the 20% darker color. If you saturate the color by 10%, you get **256030**, and if you desaturate by 10%, it is **396040**.

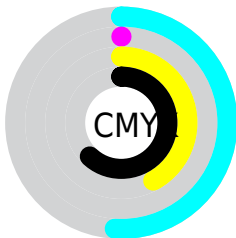
Distribution



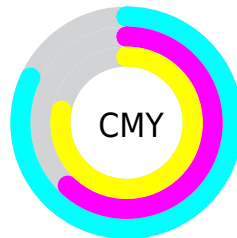
- Red (18%)
- Green (38%)
- Blue (22%)



- Red (18%)
- Yellow (35%)
- Blue (38%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (62%)



- Cyan (82%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6038 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 2F6038 by changing the saturation by 10% instead.

 2F6038

 2F6038

FFFFFF

 164822

 619367

 00310D

 7AAE81

 001E00

 95C99B

 000000

 B0E6B6

 CCFFD1

 E8FFEE

 2F6038

 2F6038

 256030

 396040

■ 1C6028

■ 426048

■ 126020

■ 4C6050

■ 096019

■ 556057

■ 006012

■ 5F605F

■ 696067

■ 72606F

■ 7C6077

■ 85607F

Harmonies

Analogous

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



4F5B26



2F6038



006251

Triad

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



2F6038



1A5A89



854241

Complementary

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



2F6038



602F57

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.



83405A



2F6038



525184

Square

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



2F6038



006080



724773



7B4A2C

Rectangle

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



2F6038



006363



724773



864049

Sweetspot

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



2F6038



6A7D6E



57602F



344036



BFBFBF



404040

Same Dimension

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



2F6038



317D3F



2F6050



2C302C



007015



00F02C

Inverse Universe

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



602F57



7D316F



602F3F



302C30



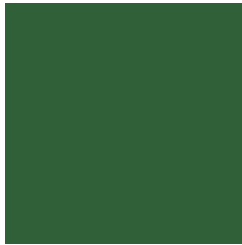
70005C



F000C4

Previews

White Background



This preview shows how the Hex color 2F6038 looks on a white background.

Color Contrast Check

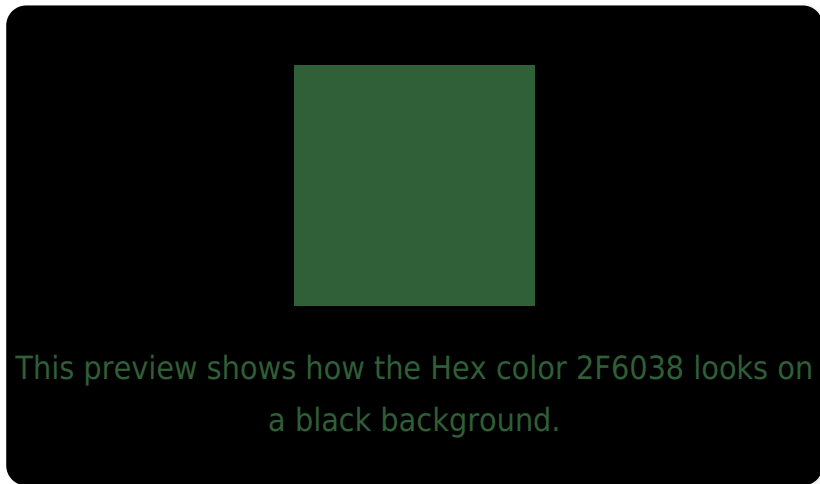
Large Text (above 18pt) WCAG AA ✓ Pass

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

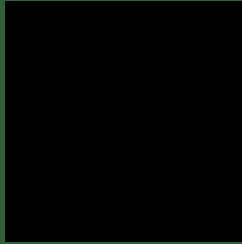
Any Text WCAG AA × Fail

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 2F6038 Background



This preview shows how black text looks on a background with the Hex color 2F6038.

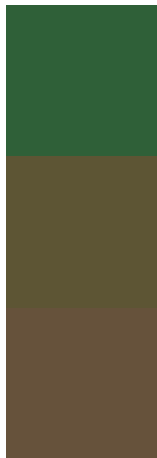


This preview shows how white text looks on a background with the Hex color 2F6038.

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
2F6038

Protanopia
5D5534

Deuteranopia
66523B



Tritanopia
395B62

Trichromacy



Original Color
2F6038

Protanomaly
4C5935

Deuteranomaly
52573A

Tritanomaly
355D53

Monochromacy



Original Color
2F6038

Achromatopsia
4D4D4D

Achromatomaly
425445

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6038 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 #2F6038 looks like.

```
.text, #text, p{  
    color:#2F6038  
}
```

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 #2F6038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6038
}
```

Border

The CSS property to change the border of an element to Hex 2F6038 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".

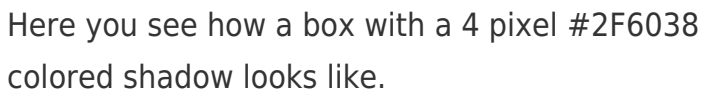
```
.border, #border, table{ border:4px solid
#2F6038 }
```

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

```
.border{ border-color:#2F6038 }
```

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

Here you see how a box with a 4 pixel #2F6038 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6038; -webkit-box-shadow:4px 4px  
4px 4px #2F6038; box-shadow:4px 4px 4px  
4px #2F6038 }
```

Background

The CSS property to change the background color of an element to Hex 2F6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6038 }
```

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

```
.background{ background-color:#2F6038 }
```

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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