

Converting Colors

Hex(2F6331)

Have a look what the booklet for
Hex(2F6331) contains.

Hex(2F6331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F6331)

Conversions

Conversions Part 1

Format	Color
Hex	2F6331
RGB	47, 99, 49
RGB Percent	18%, 39%, 19%
CMY	0.8157, 0.6118, 0.8078
CMYK	0.53, 0.00, 0.51, 0.61
HSL	122°, 36%, 29%
HSV	122°, 53%, 39%
XYZ	6.1885, 9.7498, 4.4615
YIQ	77.7520, -14.9420, -26.5740

Conversions

Conversions Part 2

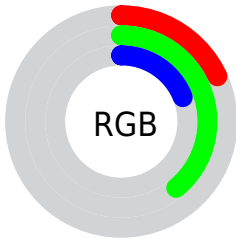
Format	Color
R_{YB}	47, 97, 99
Decimal	3105585
CIE _{Lab}	37.39, -28.98, 23.10
CIE _{LCh}	37, 37.059, 141.438
Yxy	9.7498, 0.3034, 0.4779
Android (android.graphics.Color)	4281295665 (0xFF2F6331)
YUV	77.7520, -14.1747, -26.9695
Hunter-Lab	31.2246, -19.2656, 13.3857

Details

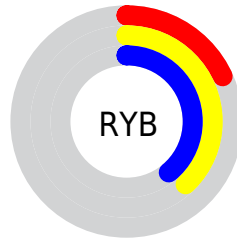
The Hex color **2F6331** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **632F61**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **619660**, and **003403** is the 20% darker color. If you saturate the color by 10%, you get **256327**, and if you desaturate by 10%, it is **39633B**.

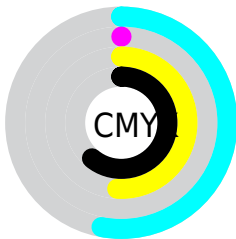
Distribution



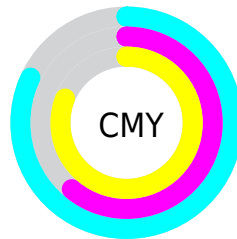
- Red (18%)
- Green (39%)
- Blue (19%)



- Red (18%)
- Yellow (38%)
- Blue (39%)



- Cyan (53%)
- Magenta (0%)
- Yellow (51%)
- Black (61%)



- Cyan (82%)
- Magenta (61%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6331 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 2F6331 by changing the saturation by 10% instead.

 2F6331

 2F6331

FFFFFF

 154B1B

 619660

 003403

 7BB179

 002000

 96CD93

 000000

 B1E9AE

 CDFECA

 EAFFE6

 2F6331


 2F6331

 256327

 39633B

 1B631E

 436344

 116314

 4D634E

 07630B

 576357

 006304

 616361

 6A636A

 746374

 7E637D

 886387

Harmonies

Analogous

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



535D1C



2F6331



00664E

Triad

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



2F6331



005E93



8F3F44

Complementary

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



2F6331



632F61

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.



8A3E62



2F6331



4A5490

Square

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



2F6331



006486



74477E



85482A

Rectangle

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



2F6331



006763



74477E



8F3D4E

Sweetspot

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



2F6331



6B806C



61632F



344034



BFBFBF



404040

Same Dimension

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



2F6331



2F8032



2F634B



2C302C



007004



00F009

Inverse Universe

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



632F61



802F7C



632F47



302C30



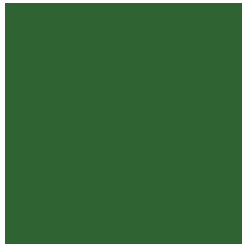
70006C



F000E6

Previews

White Background



This preview shows how the Hex color 2F6331 looks on a white background.

Color Contrast Check

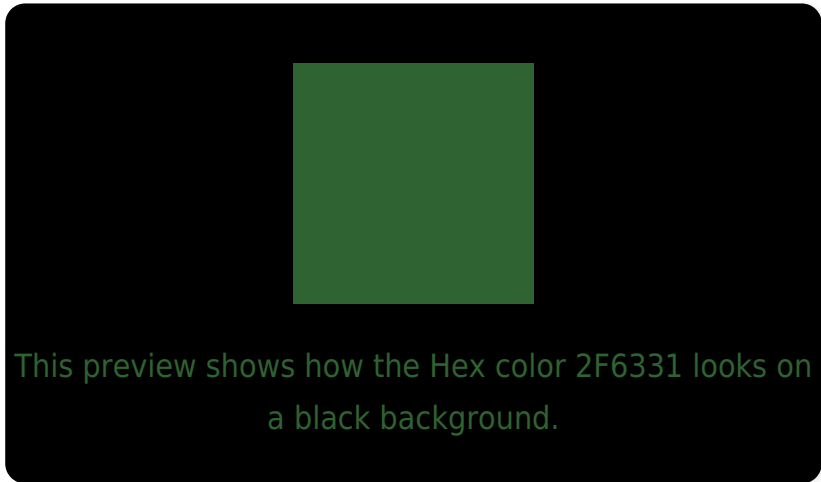
Large Text (above 18pt) WCAG AA ✓ Pass

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

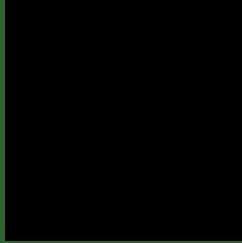
Any Text WCAG AA × Fail

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 2F6331 Background



This preview shows how black text looks on a background with the Hex color 2F6331.



This preview shows how white text looks on a background with the Hex color 2F6331.

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
2F6331

Protanopia
61582D

Deuteranopia
6A5435



Tritanopia
3B5D65

Trichromacy



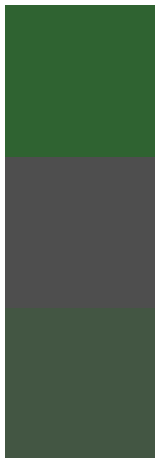
Original Color
2F6331

Protanomaly
4F5C2E

Deuteranomaly
555934

Tritanomaly
375F52

Monochromacy



Original Color
2F6331

Achromatopsia
4E4E4E

Achromatomaly
435643

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6331 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 #2F6331 looks like.

```
.text, #text, p{  
    color:#2F6331  
}
```

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 #2F6331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6331
}
```

Border

The CSS property to change the border of an element to Hex 2F6331 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".

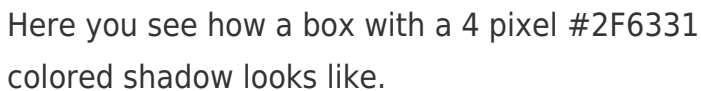
```
.border, #border, table{ border:4px solid
#2F6331 }
```

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

```
.border{ border-color:#2F6331 }
```

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

Here you see how a box with a 4 pixel #2F6331 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6331; -webkit-box-shadow:4px 4px  
4px 4px #2F6331; box-shadow:4px 4px 4px  
4px #2F6331 }
```

Background

The CSS property to change the background color of an element to Hex 2F6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6331 }
```

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

```
.background{ background-color:#2F6331 }
```

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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