

Converting Colors

Hex(2F4437)

Have a look what the booklet for
Hex(2F4437) contains.

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Color

Hex(2F4437)

Conversions

Conversions Part 1

Format	Color
Hex	2F4437
RGB	47, 68, 55
RGB Percent	18%, 27%, 22%
CMY	0.8157, 0.7333, 0.7843
CMYK	0.31, 0.00, 0.19, 0.73
HSL	143°, 18%, 23%
HSV	143°, 31%, 27%
XYZ	3.9290, 5.0144, 4.3752
YIQ	60.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

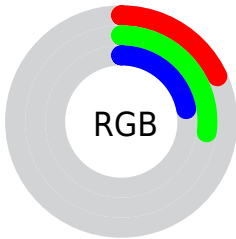
Format	Color
RYB	47, 62, 68
Decimal	3097655
CIELab	26.78, -11.50, 5.25
CIELCh	27, 12.637, 155.462
Yxy	5.0144, 0.2950, 0.3765
Android (android.graphics.Color)	4281287735 (0xFF2F4437)
YUV	60.2390, -2.5828, -11.6106
Hunter-Lab	22.3929, -7.8684, 4.0907

Details

The Hex color **2F4437** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442F3C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5E7466**, and **011A0B** is the 20% darker color. If you saturate the color by 10%, you get **284433**, and if you desaturate by 10%, it is **36443B**.

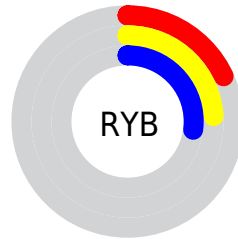
Distribution



Red (18%)

Green (27%)

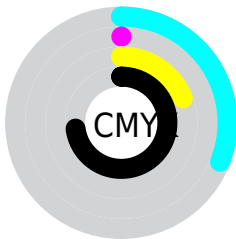
Blue (22%)



Red (18%)

Yellow (24%)

Blue (27%)

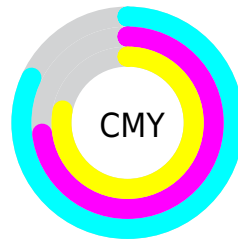


Cyan (31%)

Magenta (0%)

Yellow (19%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4437 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 2F4437 by changing the saturation by 10% instead.

■ 2F4437

■ 2F4437

FFFFFF

■ 1A2E22

■ 5E7466

■ 011A0B

■ 768E7F

■ 000000

■ 90A899

■ ABC4B3

■ C6DFCF

■ E2FCEB

■ 2F4437

■ 2F4437

■ 284433

■ 36443B

■ 21442F

■ 3D443F

■ 1B442A

■ 434444

■ 144426

■ 4A4448

■ 0D4422

■ 51444C

■ 06441E

■ 584450

■ 00441A

■ 5F4454

■ 654459

■ 6C445D

Harmonies

Analogous

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



3A422F



2F4437



264541

Triad

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



2F4437



364052



523935

Complementary

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



2F4437



442F3C

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.



52383E



2F4437



433C4F

Square

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



2F4437



294251



4D3947



4D3C2E

Rectangle

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



2F4437



234547



4D3947



533937

Sweetspot

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



2F4437



515954



3C442F



292E2B



ADADAD



2E2E2E

Same Dimension

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



2F4437



385945



2F4441



1E211F



006125



00E055

Inverse Universe

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



442F3C



59384D



442F32



211E20



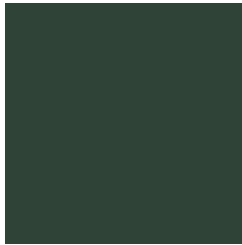
61003C



E0008B

Previews

White Background



This preview shows how the Hex color 2F4437 looks on a white background.

Color Contrast Check

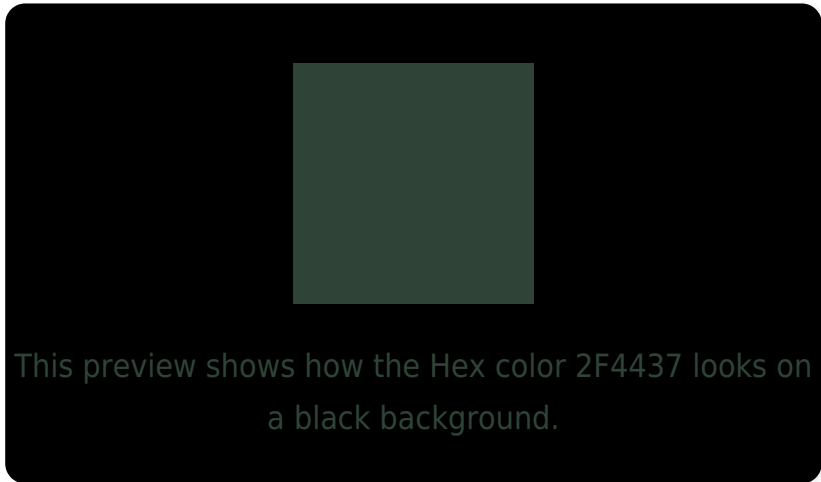
Large Text (above 18pt) WCAG AA ✓ Pass

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

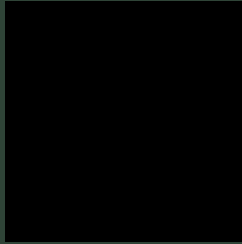
Any Text WCAG AA × Fail

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 2F4437 Background



This preview shows how black text looks on a background with the Hex color 2F4437.

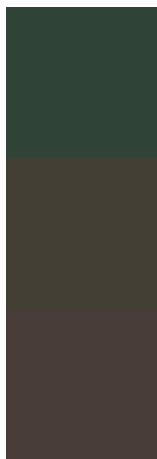


This preview shows how white text looks on a background with the Hex color 2F4437.

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
2F4437

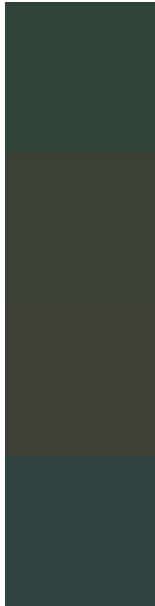
Protanopia
433F35

Deuteranopia
483D39



Tritanopia
324247

Trichromacy



Original Color
2F4437

Protanomaly
3C4136

Deuteranomaly
3F4038

Tritanomaly
314341

Monochromacy



Original Color
2F4437

Achromatopsia
3C3C3C

Achromatomaly
373F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4437 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 #2F4437 looks like.

```
.text, #text, p{  
    color:#2F4437  
}
```

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 #2F4437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4437
}
```

Border

The CSS property to change the border of an element to Hex 2F4437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

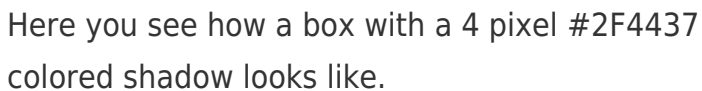
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F4437 }
```

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

```
.border{ border-color:#2F4437 }
```

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



Here you see how a box with a 4 pixel #2F4437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4437; -webkit-box-shadow:4px 4px  
4px 4px #2F4437; box-shadow:4px 4px 4px  
4px #2F4437 }
```

Background

The CSS property to change the background color of an element to Hex 2F4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4437 }
```

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

```
.background{ background-color:#2F4437 }
```

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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