

Converting Colors

Hex(2F4435)

Have a look what the booklet for
Hex(2F4435) contains.

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Color

Hex(2F4435)

Conversions

Conversions Part 1

Format	Color
Hex	2F4435
RGB	47, 68, 53
RGB Percent	18%, 27%, 21%
CMY	0.8157, 0.7333, 0.7922
CMYK	0.31, 0.00, 0.22, 0.73
HSL	137°, 18%, 23%
HSV	137°, 31%, 27%
XYZ	3.8820, 4.9956, 4.1278
YIQ	60.0110, -7.7010, -9.1170

Conversions

Conversions Part 2

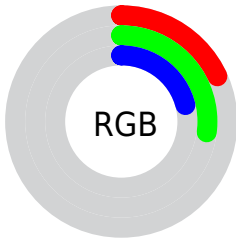
Format	Color
RYB	47, 63, 68
Decimal	3097653
CIELab	26.72, -11.96, 6.47
CIELCh	27, 13.597, 151.573
Yxy	4.9956, 0.2985, 0.3841
Android (android.graphics.Color)	4281287733 (0xFF2F4435)
YUV	60.0110, -3.4564, -11.4106
Hunter-Lab	22.3509, -8.1113, 4.6958

Details

The Hex color **2F4435** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442F3E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5E7464**, and **011A08** is the 20% darker color. If you saturate the color by 10%, you get **284430**, and if you desaturate by 10%, it is **36443A**.

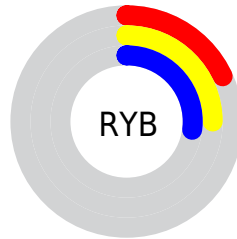
Distribution



Red (18%)

Green (27%)

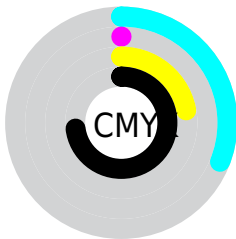
Blue (21%)



Red (18%)

Yellow (25%)

Blue (27%)

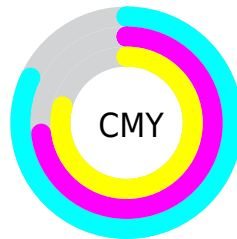


Cyan (31%)

Magenta (0%)

Yellow (22%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4435 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 2F4435 by changing the saturation by 10% instead.

■ 2F4435

■ 2F4435

FFFFFF

■ 1A2E20

■ 5E7464

■ 011A08

■ 768E7C

■ 000000

■ 90A896

■ ABC4B1

■ C6DFCC

■ E2FCE9

■ 2F4435

■ 2F4435

■ 284430

■ 36443A

■ 21442B

■ 3D443F

■ 1B4426

■ 434444

■ 144422

■ 4A4448

■ 0D441D

■ 51444D

■ 064418

■ 584452

■ 004413

■ 5F4457

■ 65445C

■ 6C4461

Harmonies

Analogous

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



3B422D



2F4435



24453F

Triad

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



2F4435



334054



543835

Complementary

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



2F4435



442F3E

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.



53383F



2F4435



413C51

Square

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



2F4435



254351



4D3949



4F3B2D

Rectangle

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



2F4435



204546



4D3949



543838

Sweetspot

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



2F4435



515954



3E442F



292E2A



ADADAD



2E2E2E

Same Dimension

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



2F4435



385942



2F443F



1E211F



00611C



00E040

Inverse Universe

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



442F3E



593850



442F34



211E20



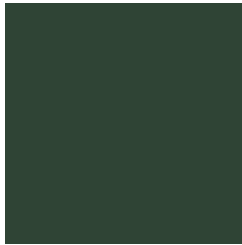
610045



E000A0

Previews

White Background



This preview shows how the Hex color 2F4435 looks on a white background.

Color Contrast Check

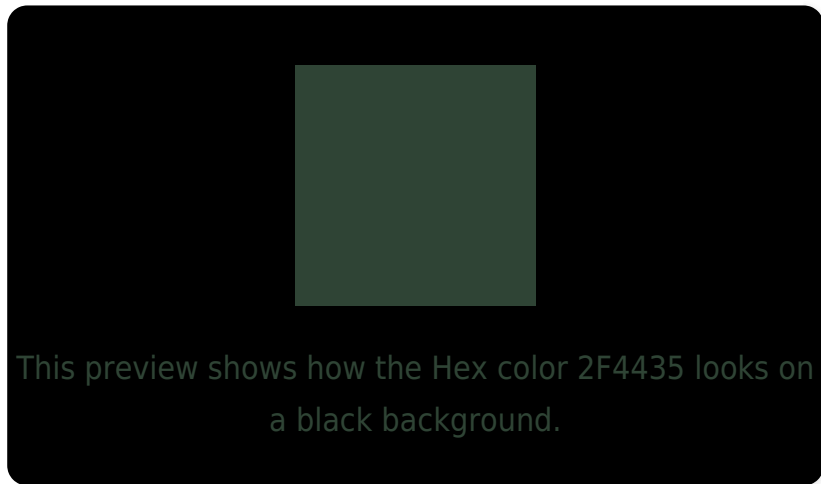
Large Text (above 18pt) WCAG AA ✓ Pass

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

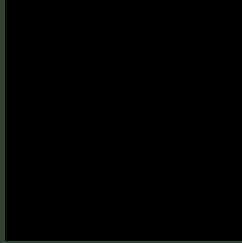
Any Text WCAG AA × Fail

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 2F4435 Background



This preview shows how black text looks on a background with the Hex color 2F4435.



This preview shows how white text looks on a background with the Hex color 2F4435.

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
2F4435

Protanopia
433F33

Deuteranopia
483D37



Tritanopia
334247

Trichromacy



Original Color
2F4435

Protanomaly
3C4134

Deuteranomaly
3F4036

Tritanomaly
324340

Monochromacy



Original Color
2F4435

Achromatopsia
3C3C3C

Achromatomaly
373F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4435 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 #2F4435 looks like.

```
.text, #text, p{  
    color:#2F4435  
}
```

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 #2F4435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4435
}
```

Border

The CSS property to change the border of an element to Hex 2F4435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

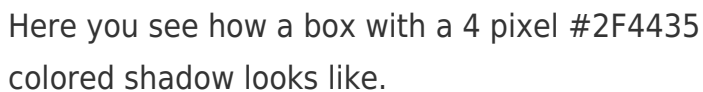
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F4435 }
```

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

```
.border{ border-color:#2F4435 }
```

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



Here you see how a box with a 4 pixel #2F4435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4435; -webkit-box-shadow:4px 4px  
4px 4px #2F4435; box-shadow:4px 4px 4px  
4px #2F4435 }
```

Background

The CSS property to change the background color of an element to Hex 2F4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4435 }
```

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

```
.background{ background-color:#2F4435 }
```

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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