

Converting Colors

Hex(2F4434)

Have a look what the booklet for
Hex(2F4434) contains.

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Color

Hex(2F4434)

Conversions

Conversions Part 1

Format	Color
Hex	2F4434
RGB	47, 68, 52
RGB Percent	18%, 27%, 20%
CMY	0.8157, 0.7333, 0.7961
CMYK	0.31, 0.00, 0.24, 0.73
HSL	134°, 18%, 23%
HSV	134°, 31%, 27%
XYZ	3.8592, 4.9865, 4.0079
YIQ	59.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

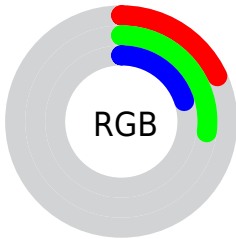
Format	Color
R_YB	47, 64, 68
Decimal	3097652
CIE Lab	26.70, -12.18, 7.08
CIE LCh	27, 14.093, 149.820
Yxy	4.9865, 0.3002, 0.3879
Android (android.graphics.Color)	4281287732 (0xFF2F4434)
YUV	59.8970, -3.8932, -11.3107
Hunter-Lab	22.3305, -8.2293, 4.9899

Details

The Hex color **2F4434** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442F3F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5E7462**, and **011A07** is the 20% darker color. If you saturate the color by 10%, you get **28442F**, and if you desaturate by 10%, it is **364439**.

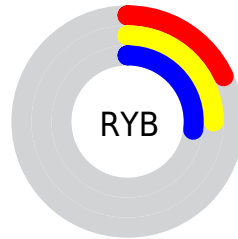
Distribution



Red (18%)

Green (27%)

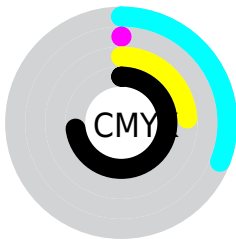
Blue (20%)



Red (18%)

Yellow (25%)

Blue (27%)

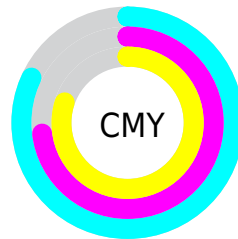


Cyan (31%)

Magenta (0%)

Yellow (24%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4434 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 2F4434 by changing the saturation by 10% instead.

■ 2F4434

■ 2F4434

FFFFFF

■ 1A2E1F

■ 5E7462

■ 011A07

■ 768E7B

■ 000000

■ 90A895

■ ABC4B0

■ C6DFCB

■ E2FCE7

■ 2F4434

■ 2F4434

■ 28442F

■ 364439

■ 21442A

■ 3D443E

■ 1B4424

■ 434444

■ 14441F

■ 4A4449

■ 0D441A

■ 51444E

■ 064415

■ 584453

■ 004410

■ 5F4458

■ 65445D

■ 6C4463

Harmonies

Analogous

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



3B422C



2F4434



24453F

Triad

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



2F4434



314054



543835

Complementary

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



2F4434



442F3F

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.



543740



2F4434



413C52

Square

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



2F4434



234351



4D394A



503B2D

Rectangle

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



2F4434



1F4546



4D394A



553738

Sweetspot

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



2F4434



515953



3F442F



292E2A



ADADAD



2E2E2E

Same Dimension

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



2F4434



385940



2F443E



1E211F



006117



00E035

Inverse Universe

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



442F3F



593851



442F35



211E20



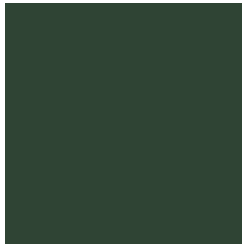
61004A



E000AB

Previews

White Background



This preview shows how the Hex color 2F4434 looks on a white background.

Color Contrast Check

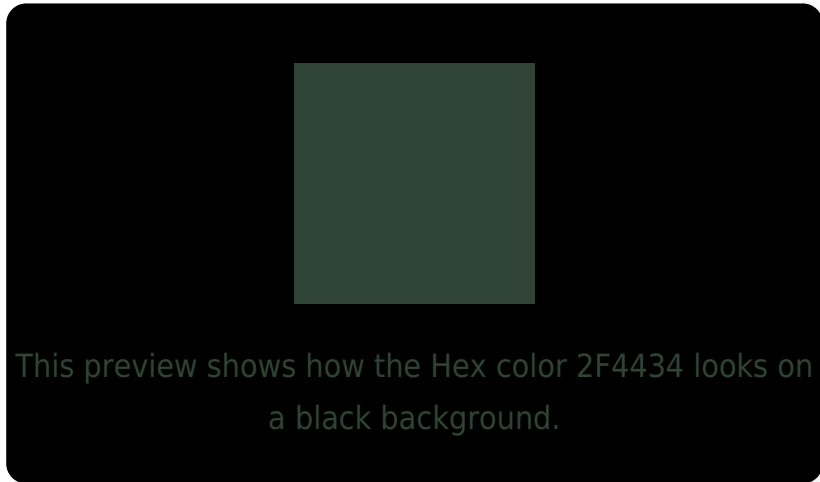
Large Text (above 18pt) WCAG AA ✓ Pass

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

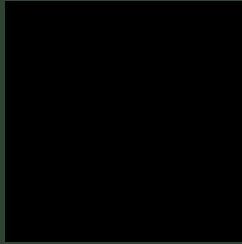
Any Text WCAG AA × Fail

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 2F4434 Background



This preview shows how black text looks on a background with the Hex color 2F4434.



This preview shows how white text looks on a background with the Hex color 2F4434.

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
2F4434

Protanopia
433F32

Deuteranopia
483D36



Tritanopia
334147

Trichromacy



Original Color
2F4434

Protanomaly
3C4133

Deuteranomaly
3F4035

Tritanomaly
324240

Monochromacy



Original Color
2F4434

Achromatopsia
3C3C3C

Achromatomaly
373F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4434 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 #2F4434 looks like.

```
.text, #text, p{  
    color:#2F4434  
}
```

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 #2F4434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4434
}
```

Border

The CSS property to change the border of an element to Hex 2F4434 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
#2F4434 }
```

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

```
.border{ border-color:#2F4434 }
```

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

Here you see how a box with a 4 pixel #2F4434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4434; -webkit-box-shadow:4px 4px  
4px 4px #2F4434; box-shadow:4px 4px 4px  
4px #2F4434 }
```

Background

The CSS property to change the background color of an element to Hex 2F4434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4434 }
```

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

```
.background{ background-color:#2F4434 }
```

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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