

Converting Colors

Hex(2F3424)

Have a look what the booklet for
Hex(2F3424) contains.

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Color

Hex(2F3424)

Conversions

Conversions Part 1

Format	Color
Hex	2F3424
RGB	47, 52, 36
RGB Percent	18%, 20%, 14%
CMY	0.8157, 0.7961, 0.8588
CMYK	0.10, 0.00, 0.31, 0.80
HSL	79°, 18%, 17%
HSV	79°, 31%, 20%
XYZ	2.7187, 3.1877, 2.1411
YIQ	48.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

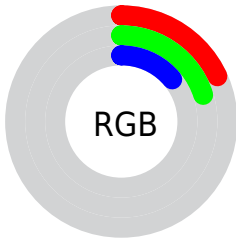
Format	Color
R_YB	36, 52, 41
Decimal	3093540
CIE Lab	20.78, -5.62, 9.43
CIE LCh	21, 10.981, 120.802
Yxy	3.1877, 0.3378, 0.3961
Android (android.graphics.Color)	4281283620 (0xFF2F3424)
YUV	48.6810, -6.2517, -1.4742
Hunter-Lab	17.8541, -4.0638, 5.3878

Details

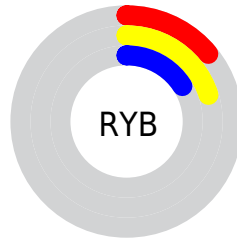
The Hex color **2F3424** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292434**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5D6251**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **2D341F**, and if you desaturate by 10%, it is **313429**.

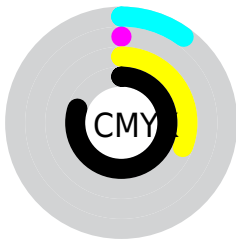
Distribution



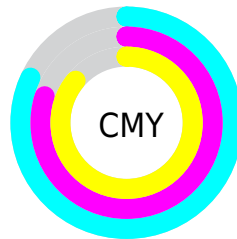
- Red (18%)
- Green (20%)
- Blue (14%)



- Red (14%)
- Yellow (20%)
- Blue (16%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (80%)



- Cyan (82%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3424 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 2F3424 by changing the saturation by 10% instead.



2F3424



2F3424

FFFFFF



1A1F0F



5D6251



000500



767B69



000000



8F9582



AAB09C



C5CBB7



E1E7D2



FEFFEF



2F3424



2F3424

■ 2D341F

■ 313429

■ 2C341A

■ 32342E

■ 2A3414

■ 343434

■ 29340F

■ 353439

■ 27340A

■ 37343E

■ 253405

■ 393443

■ 243400

■ 3A3448

■ 3C344E

■ 3E3453

Harmonies

Analogous

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



383222



2F3424



26362A

Triad

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



2F3424



1E3540



422C32

Complementary

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



2F3424



292434

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.



3D2D3A



2F3424



283342

Square

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



2F3424



1A363A



343040



422D2A

Rectangle

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



2F3424



20362F



343040



402C35

Sweetspot

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



2F3424



43453F



342924



222420



A3A3A3



242424

Same Dimension

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



2F3424



3D452B



273424



191A17



3D5900



95D900

Inverse Universe

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



292434



332B45



312434



18171A



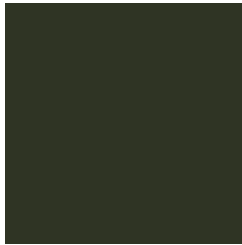
1C0059



4400D9

Previews

White Background



This preview shows how the Hex color 2F3424 looks on a white background.

Color Contrast Check

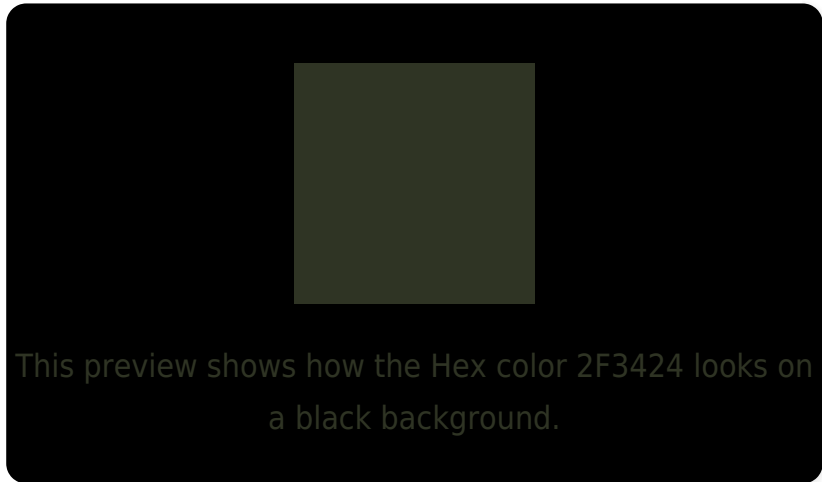
Large Text (above 18pt) WCAG AA ✓ Pass

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

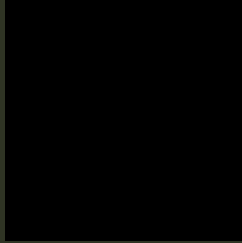
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

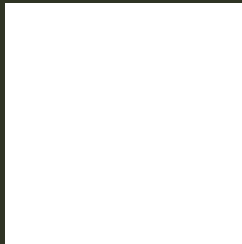
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2F3424 Background



This preview shows how black text looks on a background with the Hex color 2F3424.

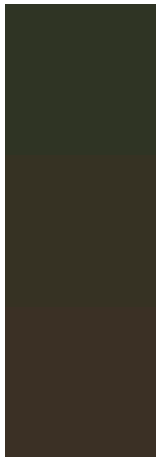


This preview shows how white text looks on a background with the Hex color 2F3424.

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](#).

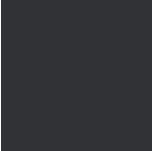
Dichromacy



Original Color
2F3424

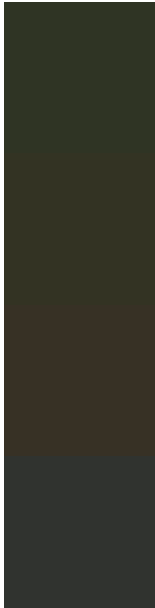
Protanopia
363223

Deuteranopia
3B3025



Tritanopia
313236

Trichromacy



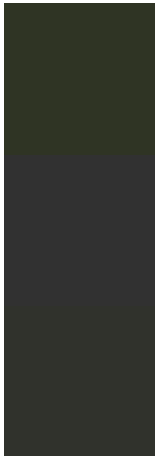
Original Color
2F3424

Protanomaly
333323

Deuteranomaly
373125

Tritanomaly
30332F

Monochromacy



Original Color
2F3424

Achromatopsia
313131

Achromatomaly
30322C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3424 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 #2F3424 looks like.

```
.text, #text, p{  
    color:#2F3424  
}
```

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 #2F3424 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3424
}
```

Border

The CSS property to change the border of an element to Hex 2F3424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

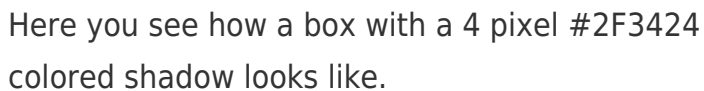
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3424 }
```

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

```
.border{ border-color:#2F3424 }
```

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



Here you see how a box with a 4 pixel #2F3424 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3424; -webkit-box-shadow:4px 4px  
4px 4px #2F3424; box-shadow:4px 4px 4px  
4px #2F3424 }
```

Background

The CSS property to change the background color of an element to Hex 2F3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3424 }
```

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

```
.background{ background-color:#2F3424 }
```

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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