

Converting Colors

Hex(2F4230)

Have a look what the booklet for
Hex(2F4230) contains.

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Color

Hex(2F4230)

Conversions

Conversions Part 1

Format	Color
Hex	2F4230
RGB	47, 66, 48
RGB Percent	18%, 26%, 19%
CMY	0.8157, 0.7412, 0.8118
CMYK	0.29, 0.00, 0.27, 0.74
HSL	123°, 17%, 22%
HSV	123°, 29%, 26%
XYZ	3.6540, 4.7142, 3.5136
YIQ	58.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

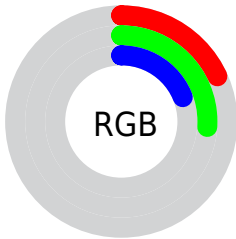
Format	Color
RYB	47, 65, 66
Decimal	3097136
CIELab	25.90, -11.87, 8.57
CIELCh	26, 14.644, 144.158
Yxy	4.7142, 0.3075, 0.3968
Android (android.graphics.Color)	4281287216 (0xFF2F4230)
YUV	58.2670, -5.0616, -9.8812
Hunter-Lab	21.7121, -7.9559, 5.6037

Details

The Hex color **2F4230** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **422F41**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5D725E**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **28422A**, and if you desaturate by 10%, it is **364236**.

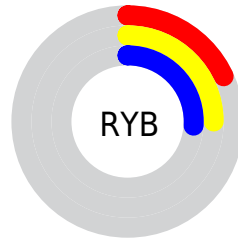
Distribution



Red (18%)

Green (26%)

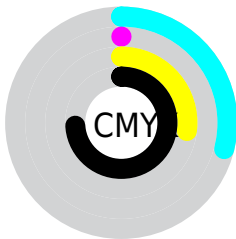
Blue (19%)



Red (18%)

Yellow (25%)

Blue (26%)

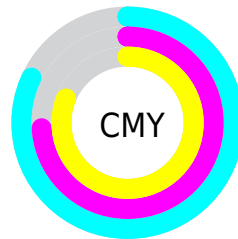


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4230 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 2F4230 by changing the saturation by 10% instead.

■ 2F4230

■ 2F4230

FFFFFF

■ 1A2C1B

■ 5D725E

■ 001800

■ 768C77

■ 000000

■ 90A690

■ ABC1AB

■ C6DDC6

■ E2FAE2

■ 2F4230

■ 2F4230

■ 28422A

■ 364236

■ 224223

■ 3C423D

■ 1B421D

■ 434243

■ 154217

■ 494249

■ 0E4211

■ 50424F

■ 07420A

■ 574256

■ 014204

■ 5D425C

■ 004203

■ 644262

■ 6A4268

Harmonies

Analogous

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



3C3F29



2F4230



22433B

Triad

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



2F4230



2C3F53



543635

Complementary

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



2F4230



422F41

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.



523540



2F4230



3C3B52

Square

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



2F4230



1D424F



49374A



50382C

Rectangle

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



2F4230



1C4342



49374A



543538

Sweetspot

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



2F4230



4F574F



41422F



272B27



ABABAB



2B2B2B

Same Dimension

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



2F4230



38573A



2F4239



1E211E



006105



00E00C

Inverse Universe

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



422F41



573855



422F38



211E21



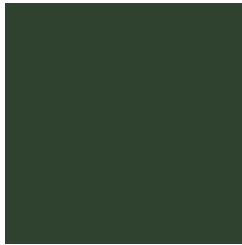
61005C



E000D5

Previews

White Background



This preview shows how the Hex color 2F4230 looks on a white background.

Color Contrast Check

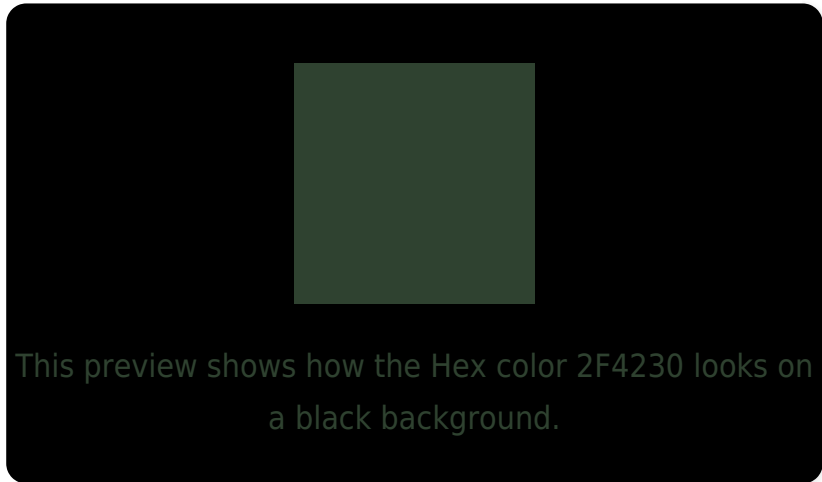
Large Text (above 18pt) WCAG AA ✓ Pass

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

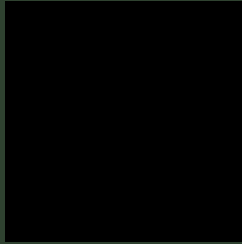
Any Text WCAG AA × Fail

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 2F4230 Background



This preview shows how black text looks on a background with the Hex color 2F4230.



This preview shows how white text looks on a background with the Hex color 2F4230.

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](#).

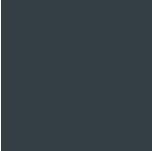
Dichromacy



Original Color
2F4230

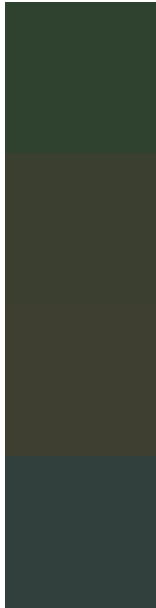
Protanopia
423D2E

Deuteranopia
473B32



Tritanopia
333F44

Trichromacy



Original Color
2F4230

Protanomaly
3B3F2F

Deuteranomaly
3E3E31

Tritanomaly
32403D

Monochromacy



Original Color
2F4230

Achromatopsia
3A3A3A

Achromatomaly
363D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4230 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 #2F4230 looks like.

```
.text, #text, p{  
    color:#2F4230  
}
```

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 #2F4230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4230
}
```

Border

The CSS property to change the border of an element to Hex 2F4230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

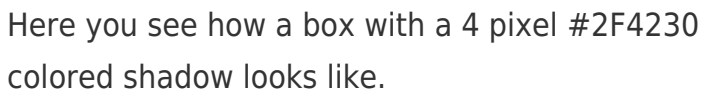
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F4230 }
```

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

```
.border{ border-color:#2F4230 }
```

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



Here you see how a box with a 4 pixel #2F4230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4230; -webkit-box-shadow:4px 4px  
4px 4px #2F4230; box-shadow:4px 4px 4px  
4px #2F4230 }
```

Background

The CSS property to change the background color of an element to Hex 2F4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4230 }
```

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

```
.background{ background-color:#2F4230 }
```

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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