

Converting Colors

Hex(2F2405)

Have a look what the booklet for
Hex(2F2405) contains.

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Color

Hex(2F2405)

Conversions

Conversions Part 1

Format	Color
Hex	2F2405
RGB	47, 36, 5
RGB Percent	18%, 14%, 2%
CMY	0.8157, 0.8588, 0.9804
CMYK	0.00, 0.23, 0.89, 0.82
HSL	44°, 81%, 10%
HSV	44°, 89%, 18%
XYZ	1.8306, 1.8770, 0.4094
YIQ	35.7550, 16.5070, -7.3090

Conversions

Conversions Part 2

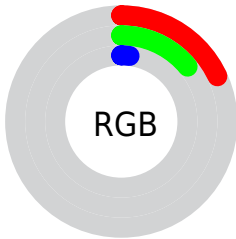
Format	Color
RYB	20, 47, 5
Decimal	3089413
CIELab	14.83, 1.14, 19.71
CIElCh	15, 19.743, 86.678
Yxy	1.8770, 0.4446, 0.4559
Android (android.graphics.Color)	4281279493 (0xFF2F2405)
YUV	35.7550, -15.1622, 9.8619
Hunter-Lab	13.7005, -0.1262, 7.8186

Details

The Hex color **2F2405** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **05102F**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5E5032**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2300**, and if you desaturate by 10%, it is **2F250A**.

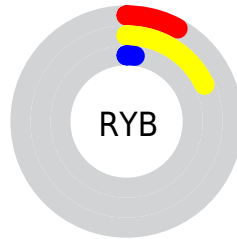
Distribution



Red (18%)

Green (14%)

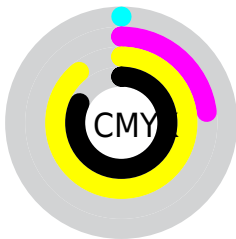
Blue (2%)



Red (8%)

Yellow (18%)

Blue (2%)

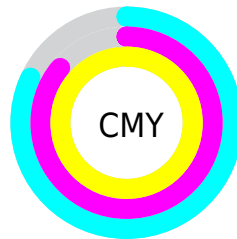


Cyan (0%)

Magenta (23%)

Yellow (89%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2405 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 2F2405 by changing the saturation by 10% instead.

 2F2405

 2F2405

 FFFFE6

 180F00

 5E5032

 000000

 786849

 928161

 AD9B7A

 C8B694

 E5D2AF

 FFEECA

 2F2405

 2F2405

■ 2F2300

■ 2F250A

■ 2F260E

■ 2F2813

■ 2F2918

■ 2F2A1C

■ 2F2B21

■ 2F2D26

■ 2F2E2B

■ 2F2F2F

Harmonies

Analogous

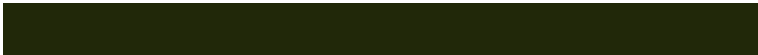
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



391F0D



2F2405



212809

Triad

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



2F2405



002C31



351D35

Complementary

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



2F2405



05102F

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.



24223E



2F2405



002B3C

Square

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



2F2405



002C23



042741



3E1927

Rectangle

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



2F2405



162A11



042741



301F38

Sweetspot

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



2F2405



3D392D



2F0510



1F1C15



9E9E9E



1F1F1F

Same Dimension

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



2F2405



3D2D00



252F05



171615



574000



D69E00

Inverse Universe

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



05102F



00103D



0F052F



151517



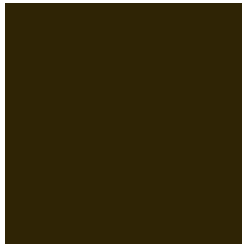
001757



0038D6

Previews

White Background



This preview shows how the Hex color 2F2405 looks on a white background.

Color Contrast Check

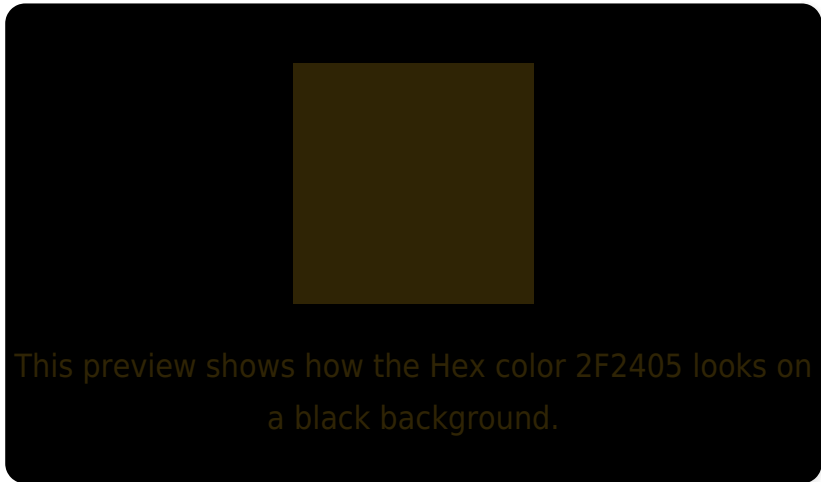
Large Text (above 18pt) WCAG AA ✓ Pass

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

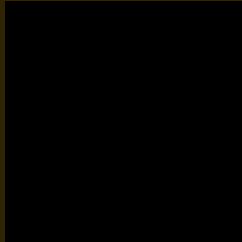
Any Text WCAG AA × Fail

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 2F2405 Background



This preview shows how black text looks on a background with the Hex color 2F2405.

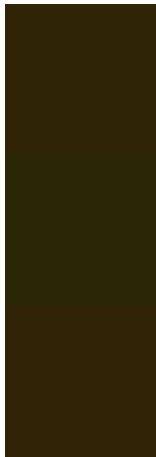


This preview shows how white text looks on a background with the Hex color 2F2405.

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
2F2405

Protanopia
2A2606

Deuteranopia
302405



Tritanopia
312124

Trichromacy



Original Color
2F2405

Protanomaly
2C2506

Deuteranomaly
302405

Tritanomaly
302219

Monochromacy



Original Color
2F2405

Achromatopsia
242424

Achromatomaly
282419

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2405 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 #2F2405 looks like.

```
.text, #text, p{  
    color:#2F2405  
}
```

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 #2F2405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2405
}
```

Border

The CSS property to change the border of an element to Hex 2F2405 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".

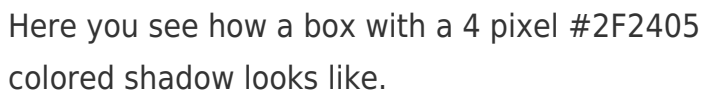
```
.border, #border, table{ border:4px solid
#2F2405 }
```

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

```
.border{ border-color:#2F2405 }
```

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

Here you see how a box with a 4 pixel #2F2405 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2405; -webkit-box-shadow:4px 4px  
4px 4px #2F2405; box-shadow:4px 4px 4px  
4px #2F2405 }
```

Background

The CSS property to change the background color of an element to Hex 2F2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2405 }
```

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

```
.background{ background-color:#2F2405 }
```

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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