

Converting Colors

Hex(2F2207)

Have a look what the booklet for
Hex(2F2207) contains.

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Color

Hex(2F2207)

Conversions

Conversions Part 1

Format	Color
Hex	2F2207
RGB	47, 34, 7
RGB Percent	18%, 13%, 3%
CMY	0.8157, 0.8667, 0.9725
CMYK	0.00, 0.28, 0.85, 0.82
HSL	40°, 74%, 11%
HSV	40°, 85%, 18%
XYZ	1.7827, 1.7637, 0.4475
YIQ	34.8090, 16.4150, -5.6410

Conversions

Conversions Part 2

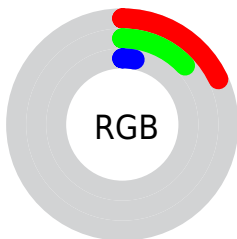
Format	Color
RYB	26, 47, 7
Decimal	3088903
CIELab	14.20, 2.69, 18.07
CIELCh	14, 18.273, 81.520
Yxy	1.7637, 0.4463, 0.4416
Android (android.graphics.Color)	4281278983 (0xFF2F2207)
YUV	34.8090, -13.7098, 10.6915
Hunter-Lab	13.2806, 0.7193, 7.2986

Details

The Hex color **2F2207** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **07142F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5E4E34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2002**, and if you desaturate by 10%, it is **2F240C**.

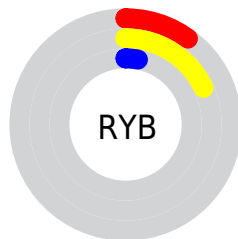
Distribution



Red (18%)

Green (13%)

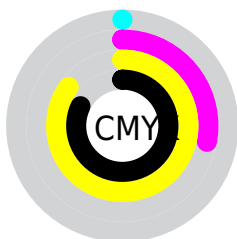
Blue (3%)



Red (10%)

Yellow (18%)

Blue (3%)

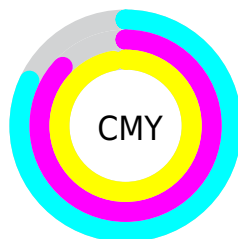


Cyan (0%)

Magenta (28%)

Yellow (85%)

Black (82%)



Cyan (82%)

Magenta (87%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2207 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 2F2207 by changing the saturation by 10% instead.

■ 2F2207

■ 2F2207

■ FFFFE8

■ 180C00

■ 5E4E34

■ 000000

■ 78664B

■ 927F63

■ AD997C

■ C8B496

■ E5CFB0

■ FFEBC0

■ 2F2207

■ 2F2207

■ 2F2002

■ 2F240C

■ 2F2000

■ 2F2510

■ 2F2715

■ 2F281A

■ 2F2A1F

■ 2F2B23

■ 2F2D28

■ 2F2E2D

■ 2F3031

Harmonies

Analogous

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



381D10



2F2207



232609

Triad

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



2F2207



002A2D



301D34

Complementary

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



2F2207



07142F

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.



1F223C



2F2207



002938

Square

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



2F2207



002A20



02263D



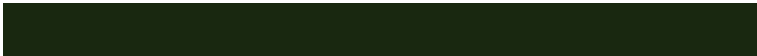
3A1928

Rectangle

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



2F2207



192810



02263D



2B1F37

Sweetspot

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



2F2207



3D382D



2F0714



1F1C15



9E9E9E



1F1F1F

Same Dimension

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



2F2207



3D2900



282F07



171615



573B00



D69100

Inverse Universe

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



07142F



00143D



0E072F



151517



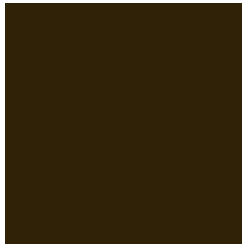
001C57



0046D6

Previews

White Background



This preview shows how the Hex color 2F2207 looks on a white background.

Color Contrast Check

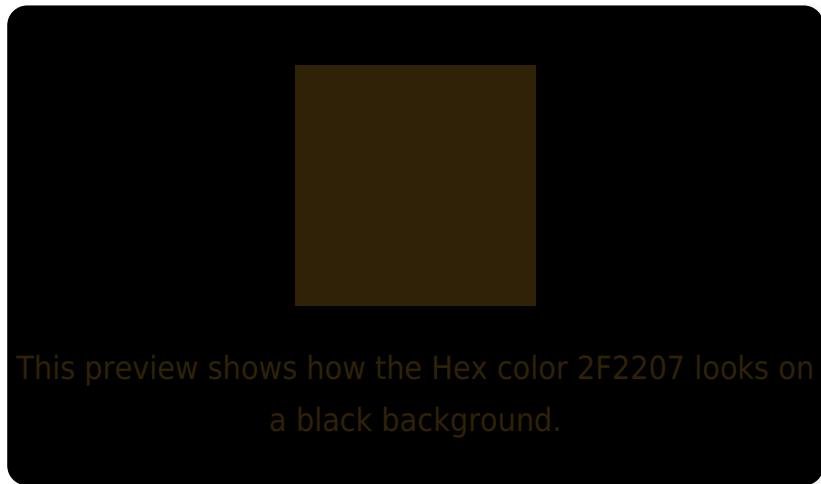
Large Text (above 18pt) WCAG AA ✓ Pass

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

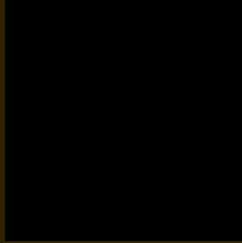
Any Text WCAG AA × Fail

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 2F2207 Background



This preview shows how black text looks on a background with the Hex color 2F2207.

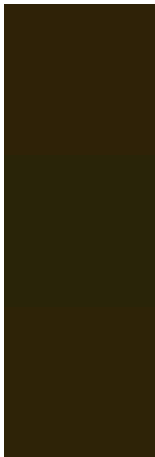


This preview shows how white text looks on a background with the Hex color 2F2207.

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
2F2207

Protanopia
292408

Deuteranopia
2E2307

Trichromacy



Original Color
2F2207

Protanomaly
2B2308

Deuteranomaly
2E2307

Tritanomaly
302118

Monochromacy



Original Color
2F2207

Achromatopsia
232323

Achromatomaly
272319

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2207 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 #2F2207 looks like.

```
.text, #text, p{  
    color:#2F2207  
}
```

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 #2F2207 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2207
}
```

Border

The CSS property to change the border of an element to Hex 2F2207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

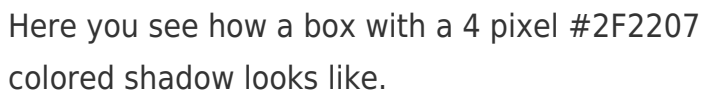
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2207 }
```

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

```
.border{ border-color:#2F2207 }
```

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



Here you see how a box with a 4 pixel #2F2207 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2207; -webkit-box-shadow:4px 4px  
4px 4px #2F2207; box-shadow:4px 4px 4px  
4px #2F2207 }
```

Background

The CSS property to change the background color of an element to Hex 2F2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2207 }
```

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

```
.background{ background-color:#2F2207 }
```

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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