

Converting Colors

Hex(2F2806)

Have a look what the booklet for
Hex(2F2806) contains.

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Color

Hex(2F2806)

Conversions

Conversions Part 1

Format	Color
Hex	2F2806
RGB	47, 40, 6
RGB Percent	18%, 16%, 2%
CMY	0.8157, 0.8431, 0.9765
CMYK	0.00, 0.15, 0.87, 0.82
HSL	50°, 77%, 10%
HSV	50°, 87%, 18%
XYZ	1.9640, 2.1351, 0.4809
YIQ	38.2170, 15.0860, -9.0900

Conversions

Conversions Part 2

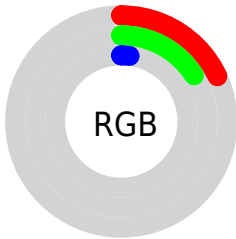
Format	Color
RYB	14, 47, 6
Decimal	3090438
CIELab	16.18, -1.51, 21.02
CIElCh	16, 21.073, 94.097
Yxy	2.1351, 0.4288, 0.4662
Android (android.graphics.Color)	4281280518 (0xFF2F2806)
YUV	38.2170, -15.8830, 7.7027
Hunter-Lab	14.6119, -1.5790, 8.2770

Details

The Hex color **2F2806** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **060D2F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5E5533**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2701**, and if you desaturate by 10%, it is **2F290B**.

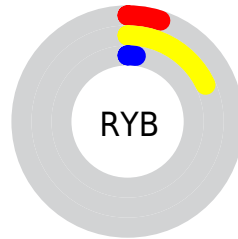
Distribution



Red (18%)

Green (16%)

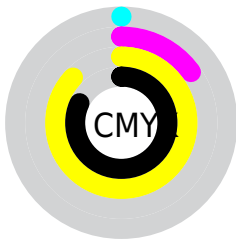
Blue (2%)



Red (5%)

Yellow (18%)

Blue (2%)

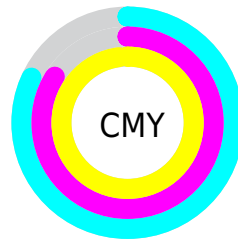


Cyan (0%)

Magenta (15%)

Yellow (87%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2806 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 2F2806 by changing the saturation by 10% instead.

 2F2806

 2F2806

 FFFFE8

 181400

 5E5533

 000000

 786D4A

 928662

 ADA07B

 C8BB95

 E4D7B0

 FFF3CB

 2F2806

 2F2806

■ 2F2701

■ 2F290B

■ 2F2700

■ 2F2A0F

■ 2F2A14

■ 2F2B19

■ 2F2C1E

■ 2F2D22

■ 2F2E27

■ 2F2E2C

■ 2F2F30

Harmonies

Analogous

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



3B230C



2F2806



1F2C0E

Triad

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



2F2806



002F39



3C1E36

Complementary

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



2F2806



060D2F

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.



2C2341



2F2806



002D43

Square

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



2F2806



00302A



0F2946



431B27

Rectangle

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



2F2806



122E16



0F2946



381F3A

Sweetspot

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



2F2806



3D3A2D



2F060E



1F1D15



9E9E9E



1F1F1F

Same Dimension

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



2F2806



3D3300



222F06



171715



574800



D6B200

Inverse Universe

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



060D2F



000A3D



13062F



151517



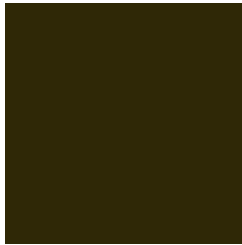
000F57



0025D6

Previews

White Background



This preview shows how the Hex color 2F2806 looks on a white background.

Color Contrast Check

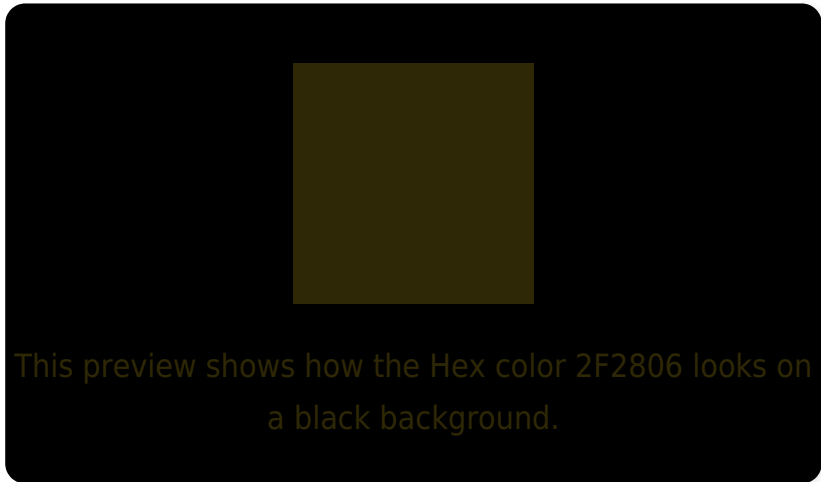
Large Text (above 18pt) WCAG AA ✓ Pass

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

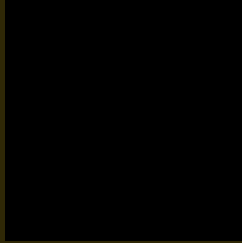
Any Text WCAG AA × Fail

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 2F2806 Background



This preview shows how black text looks on a background with the Hex color 2F2806.

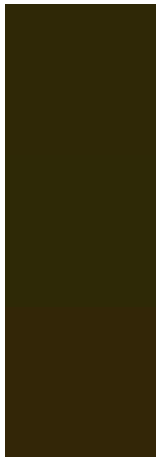


This preview shows how white text looks on a background with the Hex color 2F2806.

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
2F2806

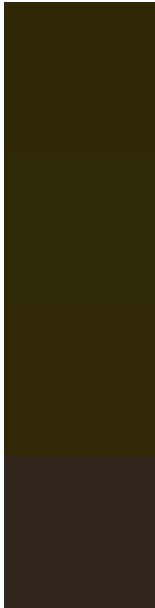
Protanopia
2E2906

Deuteranopia
332607



Tritanopia
312528

Trichromacy



Original Color
2F2806

Protanomaly
2E2906

Deuteranomaly
322707

Tritanomaly
30261C

Monochromacy



Original Color
2F2806

Achromatopsia
262626

Achromatomaly
29271A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2806 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 #2F2806 looks like.

```
.text, #text, p{  
    color:#2F2806  
}
```

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 #2F2806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2806
}
```

Border

The CSS property to change the border of an element to Hex 2F2806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

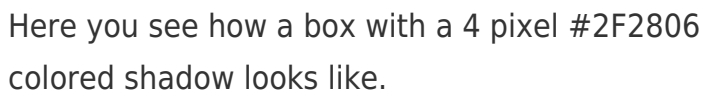
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2806 }
```

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

```
.border{ border-color:#2F2806 }
```

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



Here you see how a box with a 4 pixel #2F2806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2806; -webkit-box-shadow:4px 4px  
4px 4px #2F2806; box-shadow:4px 4px 4px  
4px #2F2806 }
```

Background

The CSS property to change the background color of an element to Hex 2F2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2806 }
```

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

```
.background{ background-color:#2F2806 }
```

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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