

Converting Colors

Hex(2F2702)

Have a look what the booklet for
Hex(2F2702) contains.

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Color

Hex(2F2702)

Conversions

Conversions Part 1

Format	Color
Hex	2F2702
RGB	47, 39, 2
RGB Percent	18%, 15%, 1%
CMY	0.8157, 0.8471, 0.9922
CMYK	0.00, 0.17, 0.96, 0.82
HSL	49°, 92%, 10%
HSV	49°, 96%, 18%
XYZ	1.9088, 2.0598, 0.3544
YIQ	37.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

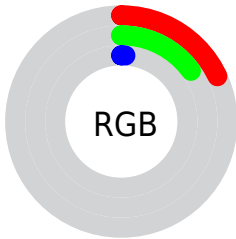
Format	Color
RYB	12, 47, 2
Decimal	3090178
CIELab	15.80, -1.15, 22.17
CIELCh	16, 22.198, 92.976
Yxy	2.0598, 0.4415, 0.4765
Android (android.graphics.Color)	4281280258 (0xFF2F2702)
YUV	37.1740, -17.3408, 8.6174
Hunter-Lab	14.3519, -1.3756, 8.5822

Details

The Hex color **2F2702** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **020A2F**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5E5430**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2700**, and if you desaturate by 10%, it is **2F2807**.

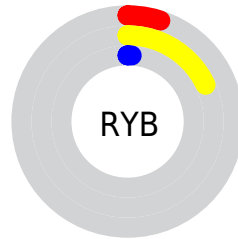
Distribution



Red (18%)

Green (15%)

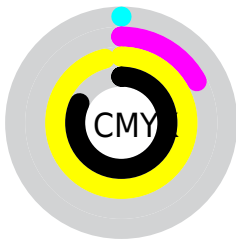
Blue (1%)



Red (5%)

Yellow (18%)

Blue (1%)

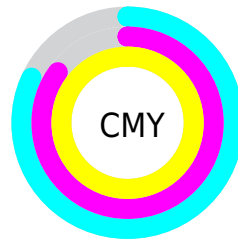


Cyan (0%)

Magenta (17%)

Yellow (96%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2702 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 2F2702 by changing the saturation by 10% instead.

 2F2702

 2F2702

 FFFFE4

 181300

 5E5430

 000000

 786C47

 92855F

 AD9F78

 C8BA92

 E5D6AD

 FFF2C8

 2F2702

 2F2702

■ 2F2700

■ 2F2807

■ 2F290B

■ 2F2A10

■ 2F2A15

■ 2F2B19

■ 2F2C1E

■ 2F2D23

■ 2F2E28

■ 2F2F2C

Harmonies

Analogous

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



3B2109



2F2702



1F2B0A

Triad

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



2F2702



002F38



3C1C36

Complementary

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



2F2702



020A2F

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.



2A2342



2F2702



002D43

Square

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



2F2702



002F28



082947



441926

Rectangle

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



2F2702



102D14



082947



371E3A

Sweetspot

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



2F2702



3D3A2B



2F020A



1F1D14



9E9E9E



1F1F1F

Same Dimension

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



2F2702



3D3200



212F02



171715



574700



D6B000

Inverse Universe

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



020A2F



000B3D



10022F



151517



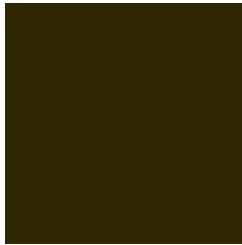
000F57



0026D6

Previews

White Background



This preview shows how the Hex color 2F2702 looks on a white background.

Color Contrast Check

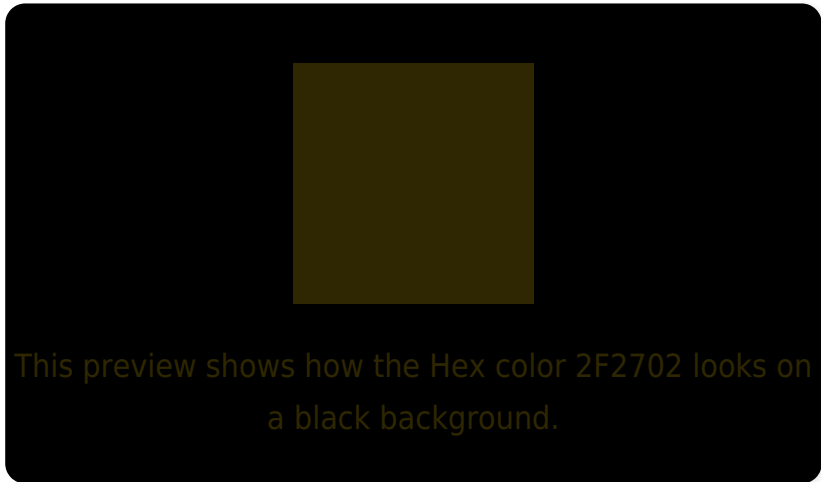
Large Text (above 18pt) WCAG AA ✓ Pass

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

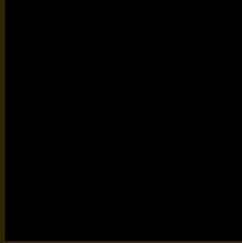
Any Text WCAG AA × Fail

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 2F2702 Background



This preview shows how black text looks on a background with the Hex color 2F2702.

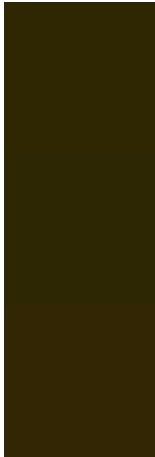


This preview shows how white text looks on a background with the Hex color 2F2702.

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
2F2702

Protanopia
2D2803

Deuteranopia
322604



Tritanopia
312427

Trichromacy



Original Color
2F2702

Protanomaly
2E2803

Deuteranomaly
312603

Tritanomaly
30251A

Monochromacy



Original Color
2F2702

Achromatopsia
252525

Achromatomaly
292618

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2702 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 #2F2702 looks like.

```
.text, #text, p{  
    color:#2F2702  
}
```

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 #2F2702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2702
}
```

Border

The CSS property to change the border of an element to Hex 2F2702 is called "border". The border property can be set on classes, ids or directly on the HTML element.

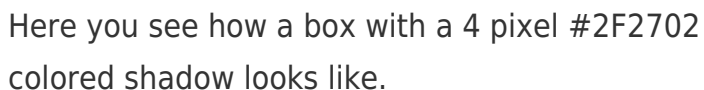
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2702 }
```

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

```
.border{ border-color:#2F2702 }
```

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



Here you see how a box with a 4 pixel #2F2702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2702; -webkit-box-shadow:4px 4px  
4px 4px #2F2702; box-shadow:4px 4px 4px  
4px #2F2702 }
```

Background

The CSS property to change the background color of an element to Hex 2F2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2702 }
```

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

```
.background{ background-color:#2F2702 }
```

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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