

Converting Colors

Hex(2F2000)

Have a look what the booklet for
Hex(2F2000) contains.

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Color

Hex(2F2000)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2F2000 |
| RGB | 47, 32, 0 |
| RGB Percent | 18%, 13%, 0% |
| CMY | 0.8157, 0.8745, 1.0000 |
| CMYK | 0.00, 0.32, 1.00, 0.82 |
| HSL | 41°, 100%, 9% |
| HSV | 41°, 100%, 18% |
| XYZ | 1.6888, 1.6374, 0.2270 |
| YIQ | 32.8370, 19.2120, -6.7720 |

Conversions

Conversions Part 2

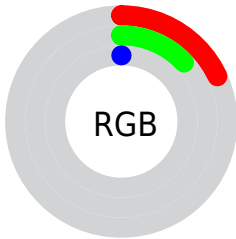
| Format | Color |
|-------------------------------------|--|
| RYB | 22, 47, 0 |
| Decimal | 3088384 |
| CIELab | 13.46, 3.51, 19.95 |
| CIELCh | 13, 20.258, 80.032 |
| Yxy | 1.6374, 0.4753, 0.4608 |
| Android (android.graphics.Color) | 4281278464 (0xFF2F2000) |
| YUV | 32.8370, -16.1886, 12.4210 |
| Hunter-Lab | 12.7959, 1.1654, 7.9052 |

Details

The Hex color **2F2000** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000F2F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5E4C2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2000**, and if you desaturate by 10%, it is **2F2205**.

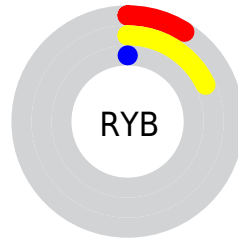
Distribution



Red (18%)

Green (13%)

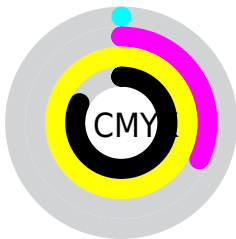
Blue (0%)



Red (9%)

Yellow (18%)

Blue (0%)

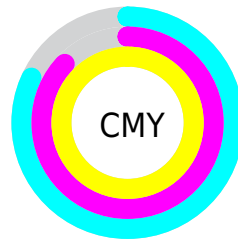


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (82%)



Cyan (82%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2000 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 2F2000 by changing the saturation by 10% instead.

 2F2000

 2F2000

 FFFFE2

 170900

 5E4C2F

 000000

 786446

 927D5E

 AD9676

 C9B190

 E5CCAB

 FFE9C6

 2F2000

■ 2F2205

■ 2F2309

■ 2F250E

■ 2F2613

■ 2F2818

■ 2F291C

■ 2F2B21

■ 2F2C26

■ 2F2E2A

Harmonies

Analogous

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



381B0B



2F2000



222502

Triad

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



2F2000



00292C



2F1B35

Complementary

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



2F2000



000F2F

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.



1B213D



2F2000



002838

Square

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



2F2000



00291D



00253E



3A1628

Rectangle

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



2F2000



17270A



00253E



2A1D38

Sweetspot

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



2F2000



3D372B



2F0010



1F1B14



9E9E9E



1F1F1F

Same Dimension

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



2F2000



3D2A00



272F00



171615



573B00



D69200

Inverse Universe

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



000F2F



00143D



08002F



151517



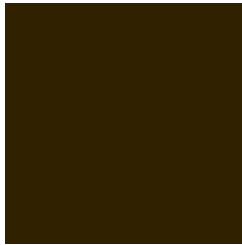
001C57



0044D6

Previews

White Background



This preview shows how the Hex color 2F2000 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 2F2000 Background



This preview shows how black text looks on a background with the Hex color 2F2000.

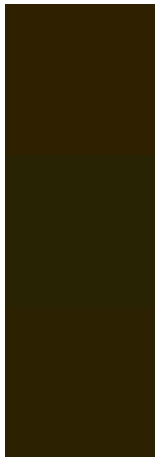


This preview shows how white text looks on a background with the Hex color 2F2000.

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
2F2000

Protanopia
282303

Deuteranopia
2C2100



Tritanopia
301E20

Trichromacy



Original Color
2F2000

Protanomaly
2B2202

Deuteranomaly
2D2100

Tritanomaly
301F14

Monochromacy



Original Color
2F2000

Achromatopsia
212121

Achromatomaly
262115

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2000 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 #2F2000 looks like.

```
.text, #text, p{  
    color:#2F2000  
}
```

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 #2F2000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2000
}
```

Border

The CSS property to change the border of an element to Hex 2F2000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

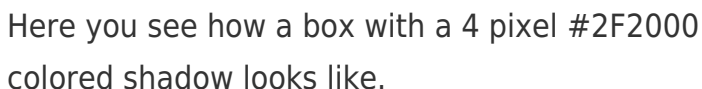
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2000 }
```

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

```
.border{ border-color:#2F2000 }
```

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



Here you see how a box with a 4 pixel #2F2000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2000; -webkit-box-shadow:4px 4px  
4px 4px #2F2000; box-shadow:4px 4px 4px  
4px #2F2000 }
```

Background

The CSS property to change the background color of an element to Hex 2F2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2000 }
```

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

```
.background{ background-color:#2F2000 }
```

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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