

Converting Colors

Hex(2F3000)

Have a look what the booklet for
Hex(2F3000) contains.

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Color

Hex(2F3000)

Conversions

Conversions Part 1

Format	Color
Hex	2F3000
RGB	47, 48, 0
RGB Percent	18%, 19%, 0%
CMY	0.8157, 0.8118, 1.0000
CMYK	0.02, 0.00, 1.00, 0.81
HSL	61°, 100%, 9%
HSV	61°, 100%, 19%
XYZ	2.2292, 2.7182, 0.4072
YIQ	42.2290, 14.8120, -15.1400

Conversions

Conversions Part 2

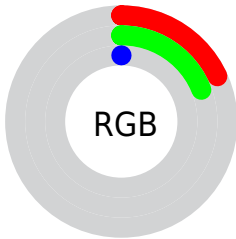
Format	Color
RYB	0, 48, 1
Decimal	3092480
CIELab	18.88, -7.21, 26.72
CIELCh	19, 27.681, 105.106
Yxy	2.7182, 0.4163, 0.5076
Android (android.graphics.Color)	4281282560 (0xFF2F3000)
YUV	42.2290, -20.8189, 4.1842
Hunter-Lab	16.4871, -4.7172, 10.0767

Details

The Hex color **2F3000** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **010030**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5F5E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F3000**, and if you desaturate by 10%, it is **2F3005**.

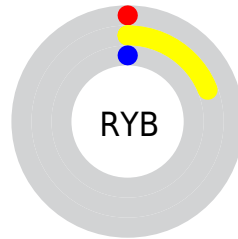
Distribution



Red (18%)

Green (19%)

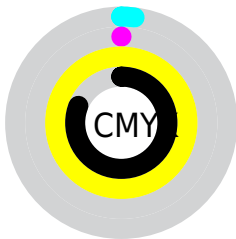
Blue (0%)



Red (0%)

Yellow (19%)

Blue (0%)

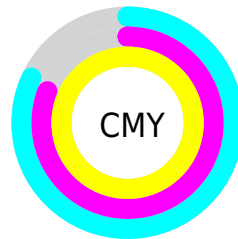


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (81%)



Cyan (82%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3000 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 2F3000 by changing the saturation by 10% instead.

 2F3000

 2F3000

 FFFFE4

 181B00

 5F5E2F

 000000

 787646

 92905E

 ADAB77

 C9C691

 E5E2AC

 FFFEC8

 2F3000

■ 2F3005

■ 2F300A

■ 2F300E

■ 2F3013

■ 303018

■ 30301D

■ 303022

■ 303026

■ 30302B

Harmonies

Analogous

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



412901



2F3000



173410

Triad

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



2F3000



00364A



4D1C39

Complementary

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



2F3000



010030

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.



3C244A



2F3000



003355

Square

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



2F3000



003738



1A2D55



521B25

Rectangle

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



2F3000



00361C



1A2D55



491E3F

Sweetspot

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



2F3000



3D3D2B



300100



1E1F14



9E9E9E



1F1F1F

Same Dimension

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



2F3000



3C3D00



173000



171715



555700



D2D600

Inverse Universe

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



010030



01003D



190030



151517



020057



0400D6

Previews

White Background



This preview shows how the Hex color 2F3000 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

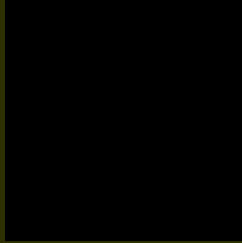
Any Text WCAG AA × Fail

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 2F3000 Background



This preview shows how black text looks on a background with the Hex color 2F3000.

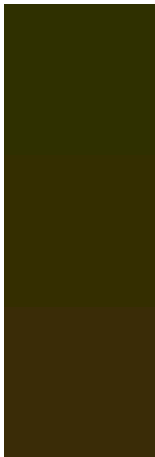


This preview shows how white text looks on a background with the Hex color 2F3000.

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
2F3000

Protanopia
342E00

Deuteranopia
3A2C07



Tritanopia
322D30

Trichromacy



Original Color
2F3000

Protanomaly
322F00

Deuteranomaly
362D04

Tritanomaly
312E1F

Monochromacy



Original Color
2F3000

Achromatopsia
2A2A2A

Achromatomaly
2C2C1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3000 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 #2F3000 looks like.

```
.text, #text, p{  
    color:#2F3000  
}
```

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 #2F3000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3000
}
```

Border

The CSS property to change the border of an element to Hex 2F3000 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
#2F3000 }
```

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

```
.border{ border-color:#2F3000 }
```

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

Here you see how a box with a 4 pixel #2F3000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3000; -webkit-box-shadow:4px 4px  
4px 4px #2F3000; box-shadow:4px 4px 4px  
4px #2F3000 }
```

Background

The CSS property to change the background color of an element to Hex 2F3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3000 }
```

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

```
.background{ background-color:#2F3000 }
```

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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