

Converting Colors

Hex(2F0014)

Have a look what the booklet for
Hex(2F0014) contains.

Hex(2F0014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F0014)

Conversions

Conversions Part 1

Format	Color
Hex	2F0014
RGB	47, 0, 20
RGB Percent	18%, 0%, 8%
CMY	0.8157, 1.0000, 0.9216
CMYK	0.00, 1.00, 0.57, 0.82
HSL	334°, 100%, 9%
HSV	334°, 100%, 18%
XYZ	1.2986, 0.6548, 0.7198
YIQ	16.3330, 21.5920, 16.1840

Conversions

Conversions Part 2

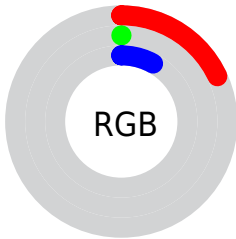
Format	Color
RYB	47, 0, 20
Decimal	3080212
CIELab	5.92, 25.07, -0.10
CIELCh	6, 25.068, 359.779
Yxy	0.6548, 0.4858, 0.2450
Android (android.graphics.Color)	4281270292 (0xFF2F0014)
YUV	16.3330, 1.8078, 26.8950
Hunter-Lab	8.0922, 14.4823, 0.3909

Details

The Hex color **2F0014** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002F1B**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **602D3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0014**, and if you desaturate by 10%, it is **2F0517**.

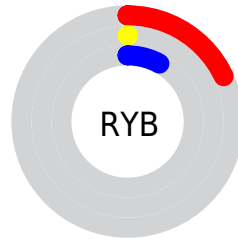
Distribution



Red (18%)

Green (0%)

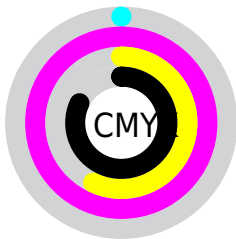
Blue (8%)



Red (18%)

Yellow (0%)

Blue (8%)

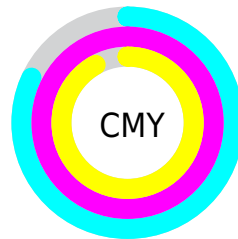


Cyan (0%)

Magenta (100%)

Yellow (57%)

Black (82%)



Cyan (82%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0014 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 2F0014 by changing the saturation by 10% instead.

 2F0014

 2F0014

 FFE2F4

 120000

 602D3E

 000000

 7A4555

 945D6E

 AF7687

 CB90A1

 E8ABBC

 FFC6D8

 2F0014

■ 2F0517

■ 2F0919

■ 2F0E1C

■ 2F131F

■ 2F1822

■ 2F1C24

■ 2F2127

■ 2F262A

■ 2F2A2C

Harmonies

Analogous

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



260524



2F0014



2F0200

Triad

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



2F0014



011800



001A30

Complementary

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



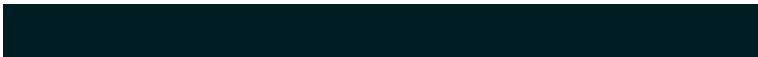
2F0014



002F1B

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.



001D23



2F0014



001C00

Square

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



2F0014



1A1200



001D12



001534

Rectangle

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



2F0014



2A0800



001D12



001B2C

Sweetspot

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



2F0014



3D2B33



1B002F



1F1418



9E9E9E



1F1F1F

Same Dimension

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



2F0014



3D001A



2F0300



171516



570025



D6005B

Inverse Universe

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



2F0014



3D001A



002C2F



171516



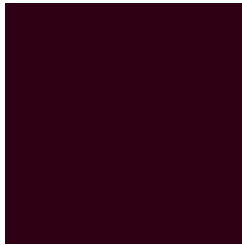
570025



D6005B

Previews

White Background



This preview shows how the Hex color 2F0014 looks on a white background.

Color Contrast Check

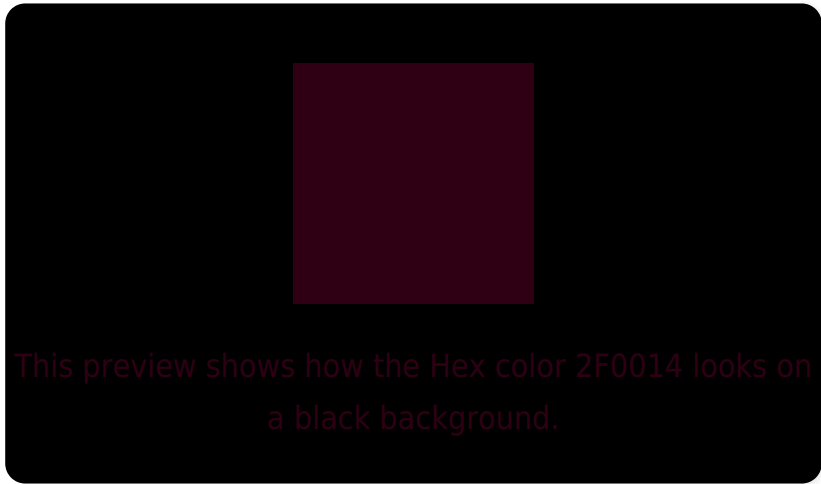
Large Text (above 18pt) WCAG AA ✓ Pass

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

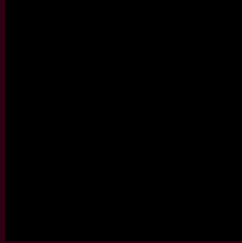
Any Text WCAG AA × Fail

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 2F0014 Background



This preview shows how black text looks on a background with the Hex color 2F0014.

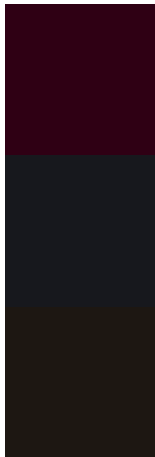


This preview shows how white text looks on a background with the Hex color 2F0014.

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](#).

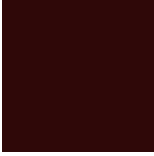
Dichromacy



Original Color
2F0014

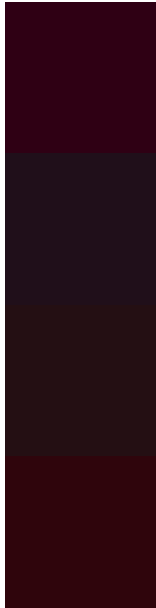
Protanopia
17181D

Deuteranopia
1D1712



Tritanopia
2F0808

Trichromacy



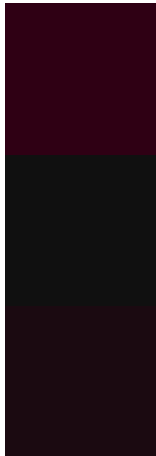
Original Color
2F0014

Protanomaly
200F1A

Deuteranomaly
240F13

Tritanomaly
2F050C

Monochromacy



Original Color
2F0014

Achromatopsia
101010

Achromatomaly
1B0A11

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0014 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 #2F0014 looks like.

```
.text, #text, p{  
    color:#2F0014  
}
```

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 #2F0014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0014 }  
}
```

Border

The CSS property to change the border of an element to Hex 2F0014 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".

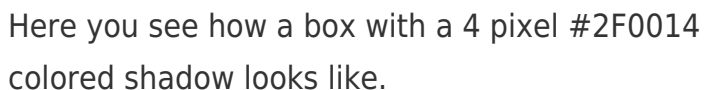
```
.border, #border, table{ border:4px solid #2F0014 }  
}
```

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

```
.border{ border-color:#2F0014 }
```

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

Here you see how a box with a 4 pixel #2F0014 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that extends to the right and down, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0014; -webkit-box-shadow:4px 4px  
4px 4px #2F0014; box-shadow:4px 4px 4px  
4px #2F0014 }
```

Background

The CSS property to change the background color of an element to Hex 2F0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0014 }
```

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

```
.background{ background-color:#2F0014 }
```

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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