

Converting Colors

Hex(2F020C)

Have a look what the booklet for
Hex(2F020C) contains.

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Color

Hex(2F020C)

Conversions

Conversions Part 1

Format	Color
Hex	2F020C
RGB	47, 2, 12
RGB Percent	18%, 1%, 5%
CMY	0.8157, 0.9922, 0.9529
CMYK	0.00, 0.96, 0.74, 0.82
HSL	347°, 92%, 10%
HSV	347°, 96%, 18%
XYZ	1.2604, 0.6743, 0.4116
YIQ	16.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

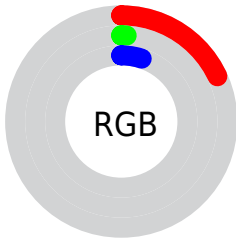
Format	Color
RYB	47, 2, 12
Decimal	3080716
CIELab	6.09, 23.13, 4.61
CIElCh	6, 23.583, 11.285
Yxy	0.6743, 0.5372, 0.2874
Android (android.graphics.Color)	4281270796 (0xFF2F020C)
YUV	16.5950, -2.2653, 26.6652
Hunter-Lab	8.2116, 13.0270, 2.7766

Details

The Hex color **2F020C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **022F25**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **602F38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F000A**, and if you desaturate by 10%, it is **2F0710**.

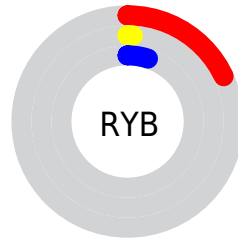
Distribution



Red (18%)

Green (1%)

Blue (5%)



Red (18%)

Yellow (1%)

Blue (5%)

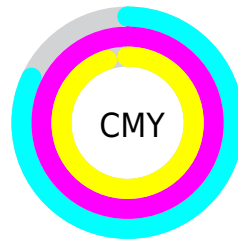


Cyan (0%)

Magenta (96%)

Yellow (74%)

Black (82%)



Cyan (82%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F020C 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 2F020C by changing the saturation by 10% instead.

 2F020C

 2F020C

 FFE4EC

 0F0000

 602F38

 000000

 7A464E

 945E66

 B0777F

 CC9199

 E8ACB4

 FFC8D0

 2F020C

 2F020C

■ 2F000A

■ 2F0710

■ 2F0B13

■ 2F1017

■ 2F151B

■ 2F191E

■ 2F1E22

■ 2F2326

■ 2F2829

■ 2F2C2D

Harmonies

Analogous

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



2A041E



2F020C



2C0700

Triad

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



2F020C



001A00



001931

Complementary

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



2F020C



022F25

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.



001C28



2F020C



001C03

Square

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



2F020C



141500



001D19



001332

Rectangle

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



2F020C



260C00



001D19



001A2F

Sweetspot

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



2F020C



3D2B2F



25022F



1F1416



9E9E9E



1F1F1F

Same Dimension

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



2F020C



3D000E



2F0E02



171515



570013



D60030

Inverse Universe

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



2F020C



3D000E



02232F



171515



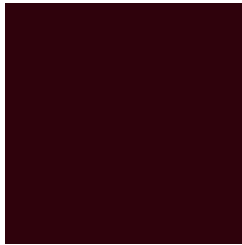
570013



D60030

Previews

White Background



This preview shows how the Hex color 2F020C 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

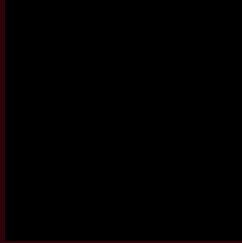
Any Text WCAG AA × Fail

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 2F020C Background



This preview shows how black text looks on a background with the Hex color 2F020C.



This preview shows how white text looks on a background with the Hex color 2F020C.

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
2F020C

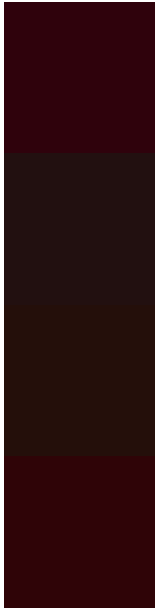
Protanopia
1A1812

Deuteranopia
1E1709



Tritanopia
2F0504

Trichromacy



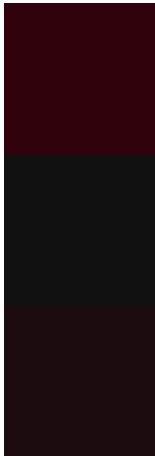
Original Color
2F020C

Protanomaly
221010

Deuteranomaly
240F0A

Tritanomaly
2F0407

Monochromacy



Original Color
2F020C

Achromatopsia
111111

Achromatomaly
1C0C0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F020C 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 #2F020C looks like.

```
.text, #text, p{  
    color:#2F020C  
}
```

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 #2F020C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F020C
}
```

Border

The CSS property to change the border of an element to Hex 2F020C is called "border". The border property can be set on classes, ids or directly on the HTML element.

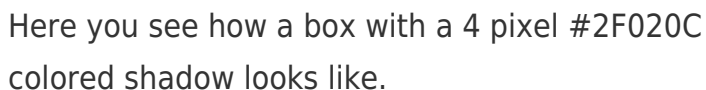
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F020C }
```

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

```
.border{ border-color:#2F020C }
```

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



Here you see how a box with a 4 pixel #2F020C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F020C; -webkit-box-shadow:4px 4px  
4px 4px #2F020C; box-shadow:4px 4px 4px  
4px #2F020C }
```

Background

The CSS property to change the background color of an element to Hex 2F020C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F020C }
```

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

```
.background{ background-color:#2F020C }
```

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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