

Converting Colors

Hex(2F0104)

Have a look what the booklet for
Hex(2F0104) contains.

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Color

Hex(2F0104)

Conversions

Conversions Part 1

Format	Color
Hex	2F0104
RGB	47, 1, 4
RGB Percent	18%, 0%, 2%
CMY	0.8157, 0.9961, 0.9843
CMYK	0.00, 0.98, 0.91, 0.82
HSL	356°, 96%, 9%
HSV	356°, 98%, 18%
XYZ	1.2051, 0.6348, 0.1739
YIQ	15.0960, 26.4530, 10.6850

Conversions

Conversions Part 2

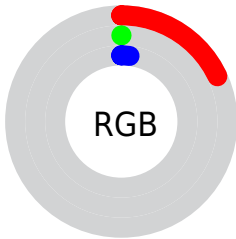
Format	Color
RYB	47, 1, 4
Decimal	3080452
CIELab	5.73, 22.91, 7.40
CIELCh	6, 24.073, 17.901
Yxy	0.6348, 0.5984, 0.3152
Android (android.graphics.Color)	4281270532 (0xFF2F0104)
YUV	15.0960, -5.4703, 27.9798
Hunter-Lab	7.9675, 13.0544, 4.2833

Details

The Hex color **2F0104** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **012F2C**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5F2E33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0003**, and if you desaturate by 10%, it is **2F0608**.

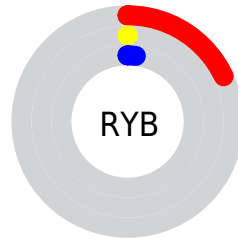
Distribution



Red (18%)

Green (0%)

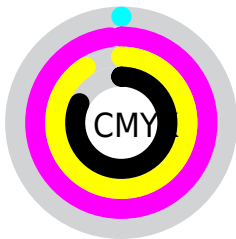
Blue (2%)



Red (18%)

Yellow (0%)

Blue (2%)

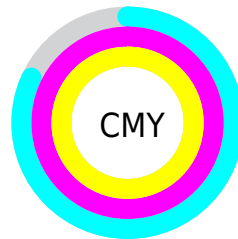


Cyan (0%)

Magenta (98%)

Yellow (91%)

Black (82%)



Cyan (82%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0104 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 2F0104 by changing the saturation by 10% instead.

 2F0104

 2F0104

 FFE3E5

 0C0000

 5F2E33

 000000

 794549

 945D61

 B0767A

 CC9093

 E9ABAE

 FFC7C9

 2F0104

 2F0104

■ 2F0003

■ 2F0608

■ 2F0A0D

■ 2F0F11

■ 2F1416

■ 2F181A

■ 2F1D1E

■ 2F2223

■ 2F2727

■ 2F2B2C

Harmonies

Analogous

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



2C021A



2F0104



2A0700

Triad

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



2F0104



001A00



001732

Complementary

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



2F0104



012F2C

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.



001B2A



2F0104



001C08

Square

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



2F0104



0D1600



001D1C



021131

Rectangle

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



2F0104



230D00



001D1C



001830

Sweetspot

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



2F0104



3D2B2D



2C012F



1F1415



9E9E9E



1F1F1F

Same Dimension

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



2F0104



3D0004



2F1501



171515



570006



D6000E

Inverse Universe

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



2F0104



3D0004



011B2F



171515



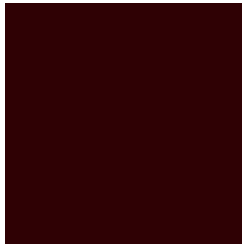
570006



D6000E

Previews

White Background



This preview shows how the Hex color 2F0104 looks on a white background.

Color Contrast Check

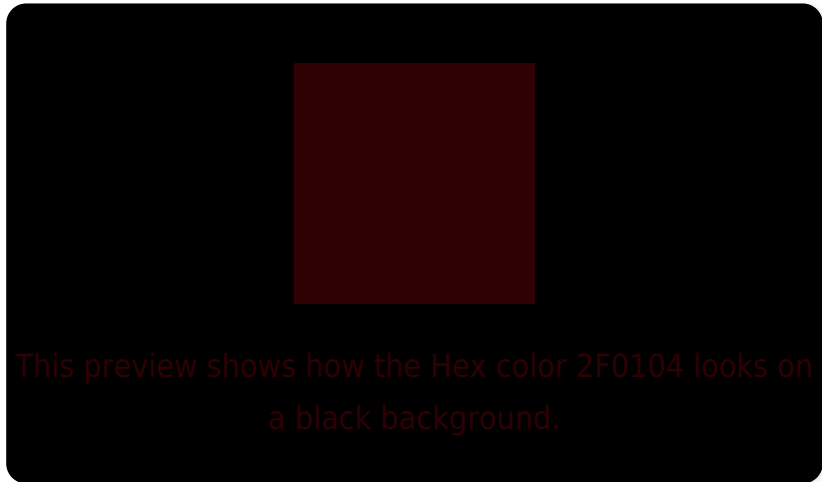
Large Text (above 18pt) WCAG AA ✓ Pass

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

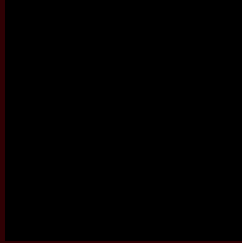
Any Text WCAG AA × Fail

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 2F0104 Background



This preview shows how black text looks on a background with the Hex color 2F0104.

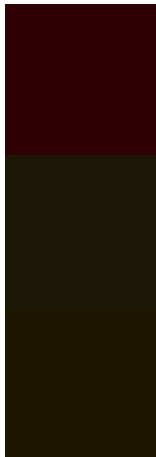


This preview shows how white text looks on a background with the Hex color 2F0104.

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
2F0104

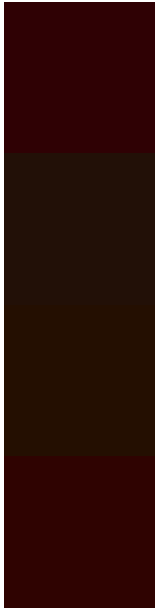
Protanopia
1B1808

Deuteranopia
1E1700



Tritanopia
2F0400

Trichromacy



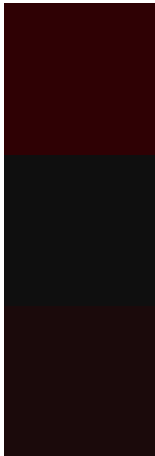
Original Color
2F0104

Protanomaly
221007

Deuteranomaly
240F01

Tritanomaly
2F0301

Monochromacy



Original Color
2F0104

Achromatopsia
0F0F0F

Achromatomaly
1B0A0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0104 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 #2F0104 looks like.

```
.text, #text, p{  
    color:#2F0104  
}
```

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 #2F0104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0104
}
```

Border

The CSS property to change the border of an element to Hex 2F0104 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".

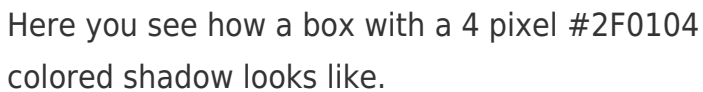
```
.border, #border, table{ border:4px solid
#2F0104 }
```

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

```
.border{ border-color:#2F0104 }
```

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

Here you see how a box with a 4 pixel #2F0104 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0104; -webkit-box-shadow:4px 4px  
4px 4px #2F0104; box-shadow:4px 4px 4px  
4px #2F0104 }
```

Background

The CSS property to change the background color of an element to Hex 2F0104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0104 }
```

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

```
.background{ background-color:#2F0104 }
```

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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