

# Converting Colors

Hex(2F0F24)

Have a look what the booklet for  
Hex(2F0F24) contains.

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# Color

**Hex(2F0F24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F0F24
RGB	47, 15, 36
RGB Percent	18%, 6%, 14%
CMY	0.8157, 0.9412, 0.8588
CMYK	0.00, 0.68, 0.23, 0.82
HSL	321°, 52%, 12%
HSV	321°, 68%, 18%
XYZ	1.6616, 1.0734, 1.7887
YIQ	26.9620, 12.3310, 13.3150

# Conversions

## Conversions Part 2

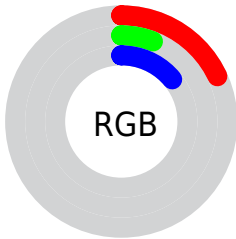
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	47, 15, 36
Decimal	3084068
CIE Lab	9.59, 19.47, -6.72
CIE LCh	10, 20.601, 340.949
Yxy	1.0734, 0.3673, 0.2373
Android (android.graphics.Color)	4281274148 (0xFF2F0F24)
YUV	26.9620, 4.4557, 17.5733
Hunter-Lab	10.3603, 10.4967, -2.9840

# Details

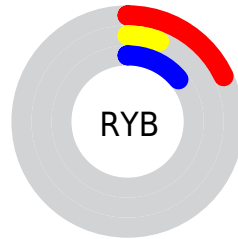
The Hex color **2F0F24** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F2F1A**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **5E3B51**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0A22**, and if you desaturate by 10%, it is **2F1426**.

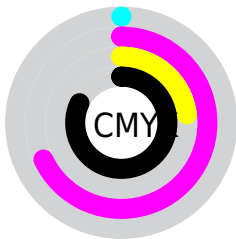
# Distribution



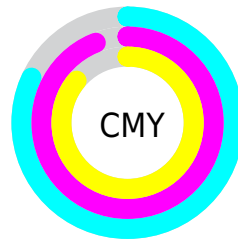
- Red (18%)
- Green (6%)
- Blue (14%)



- Red (18%)
- Yellow (6%)
- Blue (14%)



- Cyan (0%)
- Magenta (68%)
- Yellow (23%)
- Black (82%)



- Cyan (82%)
- Magenta (94%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F0F24 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 2F0F24 by changing the saturation by 10% instead.



 2F0F24

 2F0F24

 FFF1FF

 1C000F

 5E3B51

 000000

 775269

 926A82

 AC849C

 C89EB7

 E4B9D2

 FFD5EF

 2F0F24

 2F0F24

■ 2F0A22

■ 2F1426

■ 2F0621

■ 2F1827

■ 2F011F

■ 2F1D29

■ 2F001F

■ 2F222A

■ 2F272C

■ 2F2B2E

■ 2F302F

■ 2F3531

■ 2F3933

# Harmonies

## Analogous

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



221530



2F0F24



340D16

# Triad

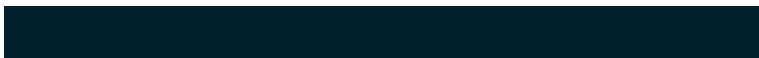
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F0F24



1E1B00



00212C

# Complementary

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



2F0F24



0F2F1A

# 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.



00221F



2F0F24



101F00

# Square

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



2F0F24



2A1700



002110



001F35

# Rectangle

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



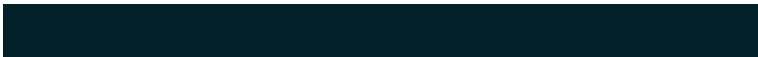
2F0F24



330F0A



002110



002128



# Sweetspot

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



2F0F24



3D3139



1A0F2F



1F171C



9E9E9E



1F1F1F



# Same Dimension

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



2F0F24



3D0B2C



2F0F14



171516



570039



D6008D



# Inverse Universe

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



2F0F24



3D0B2C



0F2F2A



171516



570039

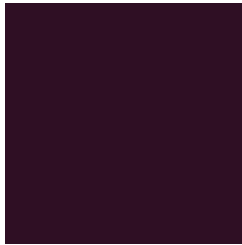


D6008D



# Previews

## White Background



This preview shows how the Hex color 2F0F24 looks on a white background.

## Color Contrast Check

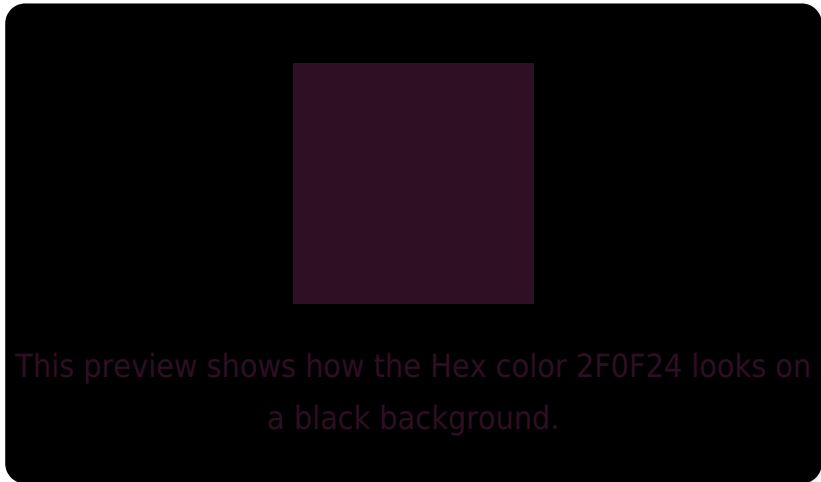
Large Text (above 18pt) WCAG AA ✓ Pass

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

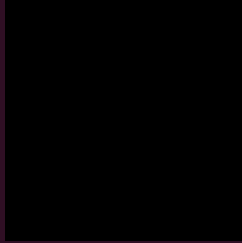
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2F0F24 Background



This preview shows how black text looks on a background with the Hex color 2F0F24.



This preview shows how white text looks on a background with the Hex color 2F0F24.

# 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](#).

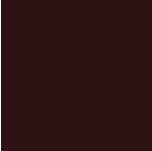
## Dichromacy



**Original Color**  
2F0F24

**Protanopia**  
151B2D

**Deuteranopia**  
1C1B22



**Tritanopia**  
2E1315

# Trichromacy



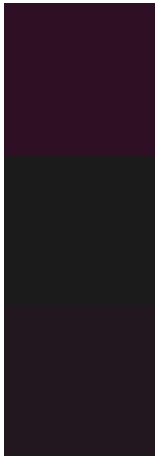
**Original Color**  
2F0F24

**Protanomaly**  
1E172A

**Deuteranomaly**  
231723

**Tritanomaly**  
2E121A

# Monochromacy



**Original Color**  
2F0F24

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
22171E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F0F24 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 #2F0F24 looks like.

```
.text, #text, p{  
    color:#2F0F24  
}
```

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 #2F0F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0F24
}
```

## Border

The CSS property to change the border of an element to Hex 2F0F24 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".

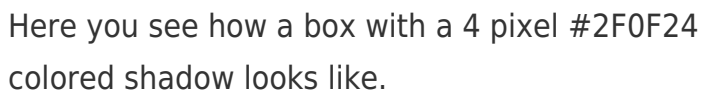
```
.border, #border, table{ border:4px solid
#2F0F24 }
```

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

```
.border{ border-color:#2F0F24 }
```

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

Here you see how a box with a 4 pixel #2F0F24 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0F24; -webkit-box-shadow:4px 4px  
4px 4px #2F0F24; box-shadow:4px 4px 4px  
4px #2F0F24 }
```

# Background

The CSS property to change the background color of an element to Hex 2F0F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0F24 }
```

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

```
.background{ background-color:#2F0F24 }
```

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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