

# Converting Colors

Hex(2F0D27)

Have a look what the booklet for  
Hex(2F0D27) contains.

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**Color**

**Hex(2F0D27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F0D27
RGB	47, 13, 39
RGB Percent	18%, 5%, 15%
CMY	0.8157, 0.9490, 0.8471
CMYK	0.00, 0.72, 0.17, 0.82
HSL	314°, 57%, 12%
HSV	314°, 72%, 18%
XYZ	1.6824, 1.0387, 2.0313
YIQ	26.1300, 11.9180, 15.2940

# Conversions

## Conversions Part 2

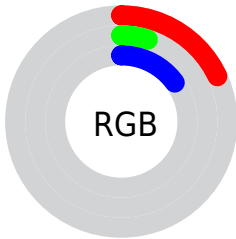
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 13, 39
Decimal	3083559
CIELab	9.31, 21.21, -9.41
CIELCh	9, 23.206, 336.088
Yxy	1.0387, 0.3540, 0.2186
Android (android.graphics.Color)	4281273639 (0xFF2F0D27)
YUV	26.1300, 6.3449, 18.3030
Hunter-Lab	10.1915, 11.6318, -4.6830

# Details

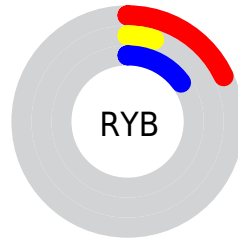
The Hex color **2F0D27** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0D2F15**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5E3954**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0826**, and if you desaturate by 10%, it is **2F1228**.

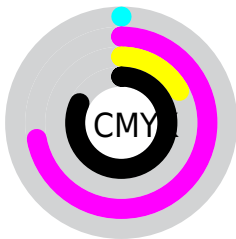
# Distribution



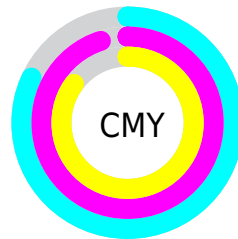
- Red (18%)
- Green (5%)
- Blue (15%)



- Red (18%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (72%)
- Yellow (17%)
- Black (82%)



- Cyan (82%)
- Magenta (95%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F0D27 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 2F0D27 by changing the saturation by 10% instead.



 2F0D27

 2F0D27

 FFF0FF

 1C0013

 5E3954

 000000

 78506C

 926986

 AD82A0

 C89CBB

 E4B7D6

 FFD3F3

 2F0D27

 2F0D27

■ 2F0826

■ 2F1228

■ 2F0425

■ 2F1629

■ 2F0024

■ 2F1B2A

■ 2F202B

■ 2F252D

■ 2F292E

■ 2F2E2F

■ 2F3330

■ 2F3731

# Harmonies

## Analogous

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



1E1433



2F0D27



350918

# Triad

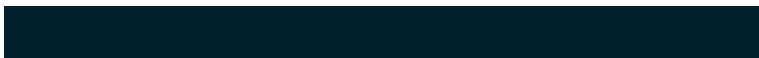
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F0D27



1F1A00



00212C

# Complementary

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



2F0D27



0D2F15

# 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.



00221D



2F0D27



0F1E00

# Square

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



2F0D27



2C1400



00210A



001F36

# Rectangle

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



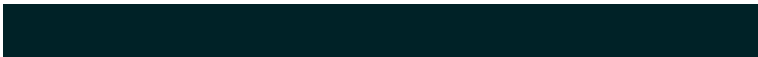
2F0D27



350B0A



00210A



002227



# Sweetspot

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



2F0D27



3D303A



150D2F



1F171D



9E9E9E



1F1F1F



# Same Dimension

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



2F0D27



3D0831



2F0D16



171516



570042



D600A4



# Inverse Universe

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



2F0D27



3D0831



0D2F26



171516



570042

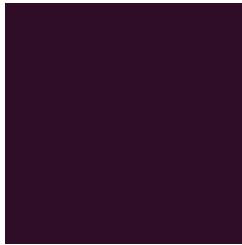


D600A4



# Previews

## White Background



This preview shows how the Hex color 2F0D27 looks on a white background.

## Color Contrast Check

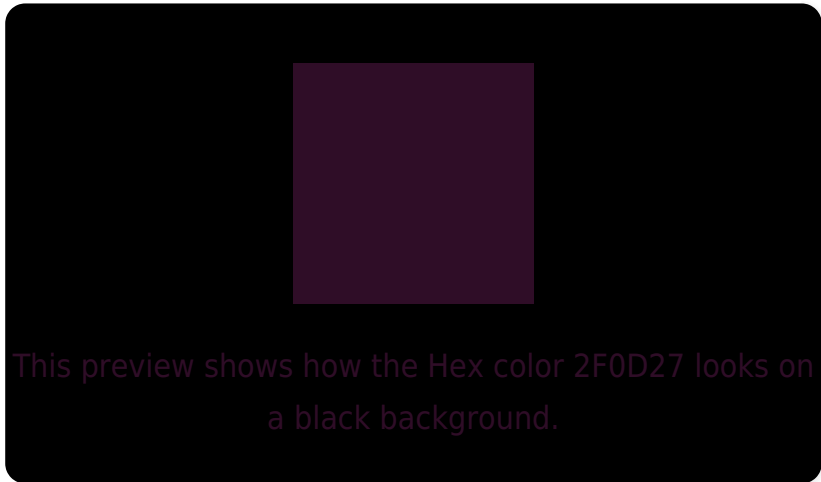
Large Text (above 18pt) WCAG AA ✓ Pass

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

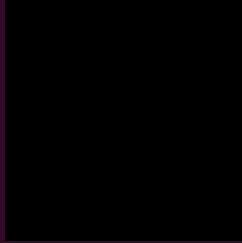
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2F0D27 Background



This preview shows how black text looks on a background with the Hex color 2F0D27.



This preview shows how white text looks on a background with the Hex color 2F0D27.

# 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](#).

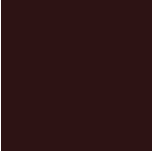
## Dichromacy



**Original Color**  
2F0D27

**Protanopia**  
101B32

**Deuteranopia**  
191B25



**Tritanopia**  
2D1314

# Trichromacy



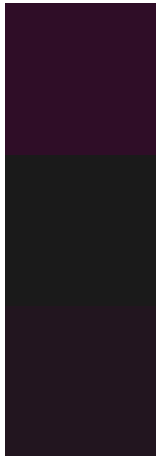
**Original Color**  
2F0D27

**Protanomaly**  
1B162E

**Deuteranomaly**  
211626

**Tritanomaly**  
2E111B

# Monochromacy



**Original Color**  
2F0D27

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
22151F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F0D27 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 #2F0D27 looks like.

```
.text, #text, p{  
    color:#2F0D27  
}
```

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 #2F0D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0D27  
}
```

## Border

The CSS property to change the border of an element to Hex 2F0D27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

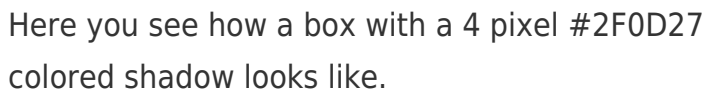
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2F0D27 }
```

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

```
.border{ border-color:#2F0D27 }
```

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



Here you see how a box with a 4 pixel #2F0D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0D27; -webkit-box-shadow:4px 4px  
4px 4px #2F0D27; box-shadow:4px 4px 4px  
4px #2F0D27 }
```

# Background

The CSS property to change the background color of an element to Hex 2F0D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0D27 }
```

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

```
.background{ background-color:#2F0D27 }
```

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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