

Converting Colors

Hex(2F0F59)

Have a look what the booklet for
Hex(2F0F59) contains.

Hex(2F0F59)	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(2F0F59)

Conversions

Conversions Part 1

Format	Color
Hex	2F0F59
RGB	47, 15, 89
RGB Percent	18%, 6%, 35%
CMY	0.8157, 0.9412, 0.6510
CMYK	0.47, 0.83, 0.00, 0.65
HSL	266°, 71%, 20%
HSV	266°, 83%, 35%
XYZ	3.1463, 1.6673, 9.6072
YIQ	33.0040, -4.6820, 29.7980

Conversions

Conversions Part 2

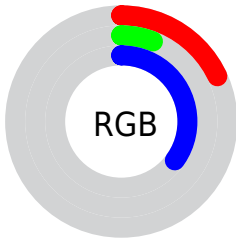
Format	Color
R_{YB}	47, 15, 89
Decimal	3084121
CIE _{Lab}	13.63, 32.81, -37.94
CIE _{LCh}	14, 50.162, 310.849
Yxy	1.6673, 0.2182, 0.1156
Android (android.graphics.Color)	4281274201 (0xFF2F0F59)
YUV	33.0040, 27.6060, 12.2745
Hunter-Lab	12.9122, 20.8982, -35.0754

Details

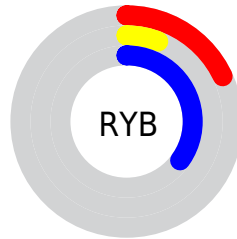
The Hex color **2F0F59** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **39590F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **623D8C**, and **00002A** is the 20% darker color. If you saturate the color by 10%, you get **2A0659**, and if you desaturate by 10%, it is **341859**.

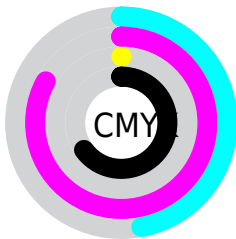
Distribution



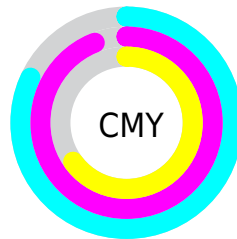
- Red (18%)
- Green (6%)
- Blue (35%)



- Red (18%)
- Yellow (6%)
- Blue (35%)



- Cyan (47%)
- Magenta (83%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (94%)
- Yellow (65%)
- Black (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0F59 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 2F0F59 by changing the saturation by 10% instead.

 2F0F59

 2F0F59

 FFF6FF

 170041

 623D8C

 00002A

 7C55A6

 000114

 976EC2

 000000

 B288DE

 CFA2FB

 EBBEFF

 FFDAFF

 2F0F59

 2F0F59

■ 2A0659

■ 341859

■ 260059

■ 392159

■ 3E2A59

■ 433359

■ 483C59

■ 4D4459

■ 524D59

■ 575659

■ 5C5F59

Harmonies

Analogous

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



00246A



2F0F59



53003B

Triad

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



2F0F59



3E1800



00312F

Complementary

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



2F0F59



39590F

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.



002F06



2F0F59



212600

Square

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



2F0F59



530000



002C00



003051

Rectangle

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



2F0F59



5B0024



002C00



003023

Sweetspot

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



2F0F59



625673



0F3A59



31293B



BABABA



3B3B3B

Same Dimension

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



2F0F59



320073



530F59



29272B



2E006B



6500EB

Inverse Universe

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



590F39



730041



15590F



2B2729



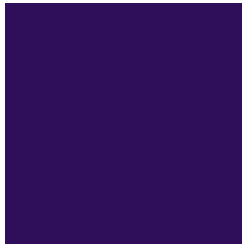
6B003D



EB0085

Previews

White Background



This preview shows how the Hex color 2F0F59 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

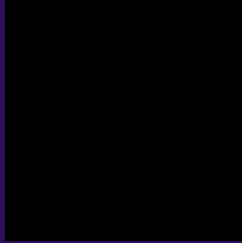
Any Text WCAG AA × Fail

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 2F0F59 Background



This preview shows how black text looks on a background with the Hex color 2F0F59.



This preview shows how white text looks on a background with the Hex color 2F0F59.

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
2F0F59

Protanopia
00234A

Deuteranopia
002640



Tritanopia
222528

Trichromacy



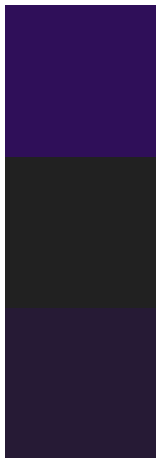
Original Color
2F0F59

Protanomaly
111C4F

Deuteranomaly
111E49

Tritanomaly
271D3A

Monochromacy



Original Color
2F0F59

Achromatopsia
212121

Achromatomaly
261A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0F59 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 #2F0F59 looks like.

```
.text, #text, p{  
    color:#2F0F59  
}
```

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 #2F0F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0F59
}
```

Border

The CSS property to change the border of an element to Hex 2F0F59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

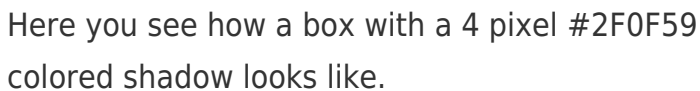
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F0F59 }
```

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

```
.border{ border-color:#2F0F59 }
```

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



Here you see how a box with a 4 pixel #2F0F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0F59; -webkit-box-shadow:4px 4px  
4px 4px #2F0F59; box-shadow:4px 4px 4px  
4px #2F0F59 }
```

Background

The CSS property to change the background color of an element to Hex 2F0F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0F59 }
```

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

```
.background{ background-color:#2F0F59 }
```

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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