

Converting Colors

Hex(0F2959)

Have a look what the booklet for
Hex(0F2959) contains.

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Color

Hex(0F2959)

Conversions

Conversions Part 1

Format	Color
Hex	0F2959
RGB	15, 41, 89
RGB Percent	6%, 16%, 35%
CMY	0.9412, 0.8392, 0.6510
CMYK	0.83, 0.54, 0.00, 0.65
HSL	219°, 71%, 20%
HSV	219°, 83%, 35%
XYZ	2.7931, 2.4087, 9.7689
YIQ	38.6980, -30.9040, 9.4160

Conversions

Conversions Part 2

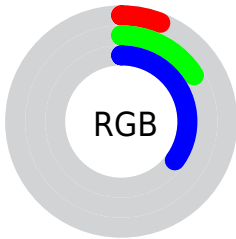
Format	Color
R_YB	15, 34, 89
Decimal	993625
CIE Lab	17.50, 9.90, -31.78
CIE LCh	18, 33.281, 287.299
Yxy	2.4087, 0.1866, 0.1609
Android (android.graphics.Color)	4279183705 (0xFF0F2959)
YUV	38.6980, 24.7989, -20.7831
Hunter-Lab	15.5200, 4.9644, -26.4555

Details

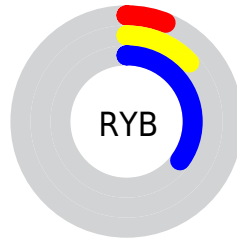
The Hex color **0F2959** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **593F0F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **47568C**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **062359**, and if you desaturate by 10%, it is **182F59**.

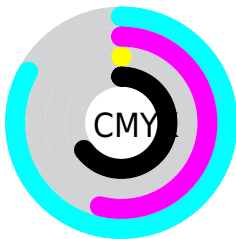
Distribution



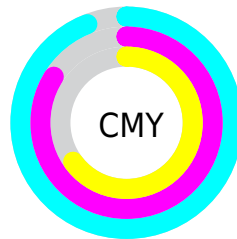
- Red (6%)
- Green (16%)
- Blue (35%)



- Red (6%)
- Yellow (13%)
- Blue (35%)



- Cyan (83%)
- Magenta (54%)
- Yellow (0%)
- Black (65%)



- Cyan (94%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F2959 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 0F2959 by changing the saturation by 10% instead.

■ 0F2959

■ 0F2959

FFFFFF

■ 001541

■ 47568C

■ 00032B

■ 616EA6

■ 000115

■ 7B87C1

■ 000000

■ 96A1DD

■ B1BCFA

■ CED8FF

■ EAF4FF

■ 0F2959

■ 0F2959

■ 062359

■ 182F59

■ 001F59

■ 213559

■ 2A3A59

■ 334059

■ 3C4659

■ 444C59

■ 4D5159

■ 565759

■ 5F5D59

Harmonies

Analogous

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



00315A



0F2959



3D1E4C

Triad

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



0F2959



4E1B04



003520

Complementary

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



0F2959



593F0F

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.



093305



0F2959



3F2600

Square

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



0F2959



55111E



2A2E00



003639

Rectangle

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



0F2959



4C153E



2A2E00



003417

Sweetspot

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



0F2959



566073



0F593E



292F3B



BABABA



3B3B3B

Same Dimension

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



0F2959



002873



190F59



27292B



00266B



0052EB

Inverse Universe

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



590F29



730028



4F590F



2B2729



6B0026



EB0052

Previews

White Background



This preview shows how the Hex color 0F2959 looks on a white background.

Color Contrast Check

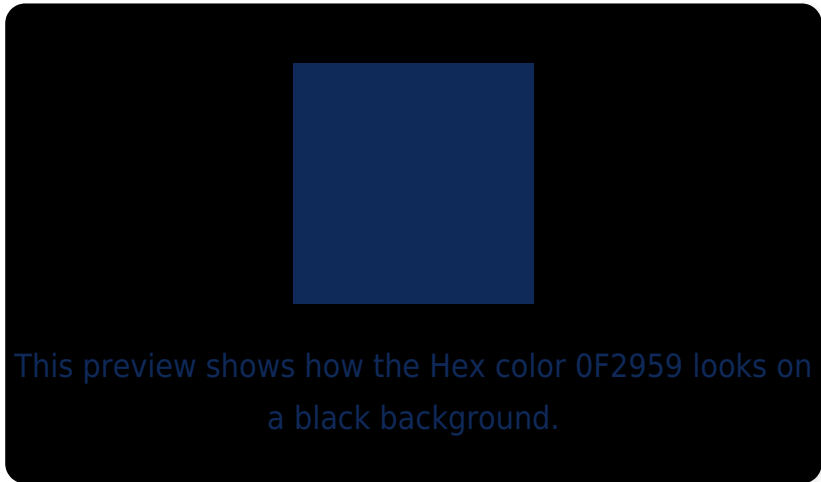
Large Text (above 18pt) WCAG AA ✓ Pass

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

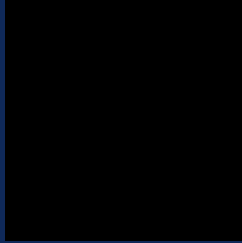
Any Text WCAG AA × Fail

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 0F2959 Background



This preview shows how black text looks on a background with the Hex color 0F2959.



This preview shows how white text looks on a background with the Hex color 0F2959.

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
0F2959

Protanopia
002A59

Deuteranopia
002C4D

Trichromacy



Original Color
0F2959

Protanomaly
052A59

Deuteranomaly
052B51

Tritanomaly
052D41

Monochromacy



Original Color
0F2959

Achromatopsia
272727

Achromatomaly
1E2839

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F2959 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 #0F2959 looks like.

```
.text, #text, p{  
    color:#0F2959  
}
```

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 #0F2959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2959
}
```

Border

The CSS property to change the border of an element to Hex 0F2959 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
#0F2959 }
```

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

```
.border{ border-color:#0F2959 }
```

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

Here you see how a box with a 4 pixel #0F2959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2959; -webkit-box-shadow:4px 4px  
4px 4px #0F2959; box-shadow:4px 4px 4px  
4px #0F2959 }
```

Background

The CSS property to change the background color of an element to Hex 0F2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2959 }
```

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

```
.background{ background-color:#0F2959 }
```

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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