

Converting Colors

Hex(2F3159)

Have a look what the booklet for
Hex(2F3159) contains.

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Color

Hex(2F3159)

Conversions

Conversions Part 1

Format	Color
Hex	2F3159
RGB	47, 49, 89
RGB Percent	18%, 19%, 35%
CMY	0.8157, 0.8078, 0.6510
CMYK	0.47, 0.45, 0.00, 0.65
HSL	237°, 31%, 27%
HSV	237°, 47%, 35%
XYZ	4.0738, 3.5222, 9.9163
YIQ	52.9620, -14.0320, 12.0160

Conversions

Conversions Part 2

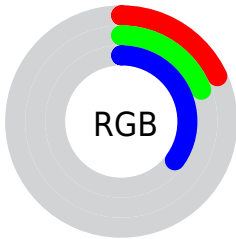
Format	Color
R_{YB}	47, 49, 89
Decimal	3092825
CIE _{Lab}	22.02, 11.08, -24.42
CIE _{LCh}	22, 26.820, 294.405
Yxy	3.5222, 0.2326, 0.2011
Android (android.graphics.Color)	4281282905 (0xFF2F3159)
YUV	52.9620, 17.7667, -5.2287
Hunter-Lab	18.7676, 5.9026, -18.1900

Details

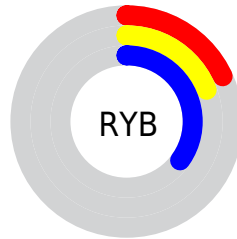
The Hex color **2F3159** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59572F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **605F8B**, and **02022B** is the 20% darker color. If you saturate the color by 10%, you get **262959**, and if you desaturate by 10%, it is **383959**.

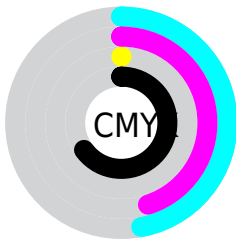
Distribution



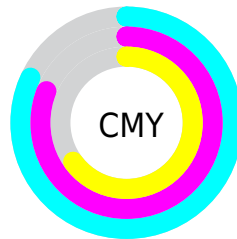
- Red (18%)
- Green (19%)
- Blue (35%)



- Red (18%)
- Yellow (19%)
- Blue (35%)



- Cyan (47%)
- Magenta (45%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (81%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3159 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 2F3159 by changing the saturation by 10% instead.

■ 2F3159

■ 2F3159

FFFFFF

■ 171C41

■ 605F8B

■ 02022B

■ 7978A6

■ 000116

■ 9391C1

■ 000000

■ AEACDD

■ CAC7FA

■ E6E3FF

■ 2F3159

■ 2F3159

■ 262959

■ 383959

■ 1D2059

■ 414259

■ 141859

■ 4A4A59

■ 0B0F59

■ 535359

■ 030759

■ 5B5B59

■ 000459

■ 646459

■ 6D6C59

■ 767559

■ 7F7D59

Harmonies

Analogous

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



00385C



2F3159



49294C

Triad

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



2F3159



512B15



003E30

Complementary

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



2F3159



59572F

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.



163C1D



2F3159



43320A

Square

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



2F3159



592425



30380E



003E45

Rectangle

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



2F3159



542440



30380E



003E29

Sweetspot

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



2F3159



636373



2F5957



31313B



BABABA



3B3B3B

Same Dimension

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



2F3159



313473



422F59



27272B



00056B



000BEB

Inverse Universe

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



592F31



733134



46592F



2B2727



6B0005



EB000B

Previews

White Background



This preview shows how the Hex color 2F3159 looks on a white background.

Color Contrast Check

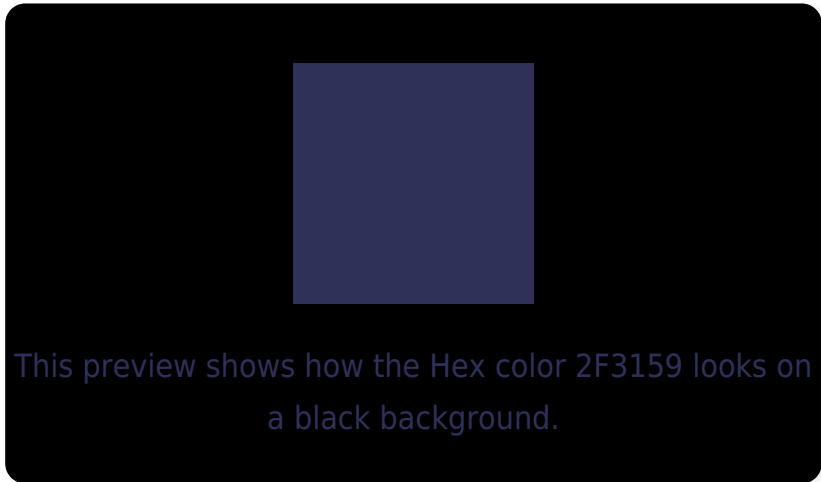
Large Text (above 18pt) WCAG AA ✓ Pass

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

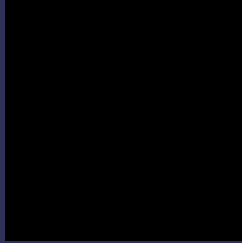
Any Text WCAG AA × Fail

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 2F3159 Background



This preview shows how black text looks on a background with the Hex color 2F3159.



This preview shows how white text looks on a background with the Hex color 2F3159.

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
2F3159

Protanopia
23335B

Deuteranopia
1D3558



Tritanopia
27383C

Trichromacy



Original Color

2F3159

Protanomaly

27325A

Deuteranomaly

243458

Tritanomaly

2A3547

Monochromacy



Original Color

2F3159

Achromatopsia

353535

Achromatomaly

333442

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3159 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 #2F3159 looks like.

```
.text, #text, p{  
    color:#2F3159  
}
```

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 #2F3159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3159
}
```

Border

The CSS property to change the border of an element to Hex 2F3159 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
#2F3159 }
```

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

```
.border{ border-color:#2F3159 }
```

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

Here you see how a box with a 4 pixel #2F3159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3159; -webkit-box-shadow:4px 4px  
4px 4px #2F3159; box-shadow:4px 4px 4px  
4px #2F3159 }
```

Background

The CSS property to change the background color of an element to Hex 2F3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3159 }
```

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

```
.background{ background-color:#2F3159 }
```

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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