

# Converting Colors

Hex(2F2467)

Have a look what the booklet for  
Hex(2F2467) contains.

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# Color

**Hex(2F2467)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F2467
RGB	47, 36, 103
RGB Percent	18%, 14%, 40%
CMY	0.8157, 0.8588, 0.5961
CMYK	0.54, 0.65, 0.00, 0.60
HSL	250°, 48%, 27%
HSV	250°, 65%, 40%
XYZ	4.2513, 2.8454, 13.1571
YIQ	46.9270, -14.9510, 23.1690

# Conversions

## Conversions Part 2

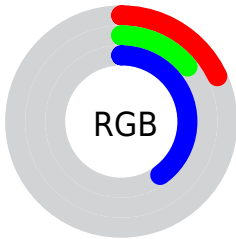
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 36, 103
Decimal	3089511
CIELab	19.41, 24.84, -37.82
CIElCh	19, 45.248, 303.299
Yxy	2.8454, 0.2099, 0.1405
Android (android.graphics.Color)	4281279591 (0xFF2F2467)
YUV	46.9270, 27.6440, 0.0640
Hunter-Lab	16.8682, 15.4686, -34.4381

# Details

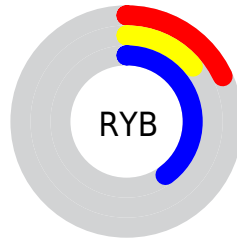
The Hex color **2F2467** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C6724**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **62519B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **261A67**, and if you desaturate by 10%, it is **382E67**.

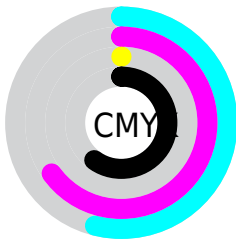
# Distribution



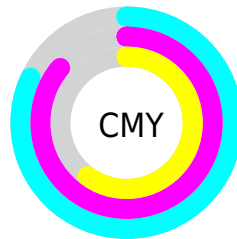
- Red (18%)
- Green (14%)
- Blue (40%)



- Red (18%)
- Yellow (14%)
- Blue (40%)



- Cyan (54%)
- Magenta (65%)
- Yellow (0%)
- Black (60%)



- Cyan (82%)
- Magenta (86%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F2467 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 2F2467 by changing the saturation by 10% instead.





2F2467



2F2467

FFFFFF



130F4E



62519B



000037



7D6AB6



000221



9883D2



000006



B39DEE



000000



CFB8FF



ECD4FF



FFF0FF



2F2467



2F2467

■ 261A67

■ 382E67

■ 1E0F67

■ 403967

■ 150567

■ 494367

■ 110067

■ 514D67

■ 5A5867

■ 636267

■ 6B6C67

■ 747667

■ 7C8167

# Harmonies

## Analogous

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



003372



2F2467



580B4D

# Triad

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



2F2467



522100



003C32

# Complementary

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



2F2467



5C6724

# 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.



003B0E



2F2467



382F00

# Square

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



2F2467



63090B



153700



003C53

# Rectangle

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



2F2467



640038



153700



003C26



# Sweetspot

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



2F2467



716C87



245D67



373445



C4C4C4



454545



# Same Dimension

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



2F2467



2F1E87



502467



2F2E33



130073



2800F2



# Inverse Universe

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



67245C



871E76



3B6724



332E32



730060



F200CA



# Previews

## White Background



This preview shows how the Hex color 2F2467 looks on a white background.

## Color Contrast Check

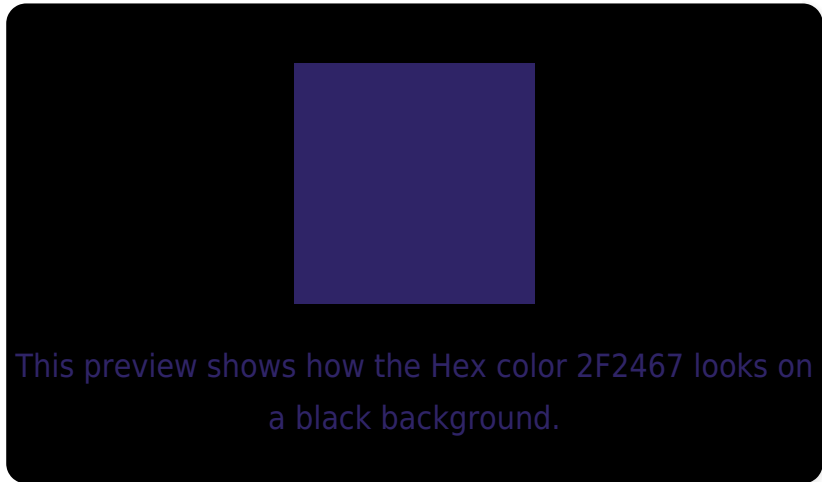
Large Text (above 18pt) WCAG AA ✓ Pass

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

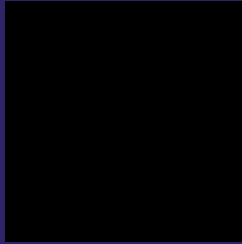
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2F2467 Background



This preview shows how black text looks on a background with the Hex color 2F2467.



This preview shows how white text looks on a background with the Hex color 2F2467.

# 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](#).

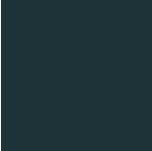
## Dichromacy



**Original Color**  
2F2467

**Protanopia**  
002E61

**Deuteranopia**  
003154



**Tritanopia**  
1E3337

# Trichromacy



**Original Color**  
2F2467

**Protanomaly**  
112A63

**Deuteranomaly**  
112C5B

**Tritanomaly**  
242E48

# Monochromacy



**Original Color**  
2F2467

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
2F2B43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F2467 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 #2F2467 looks like.

```
.text, #text, p{  
    color:#2F2467  
}
```

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 #2F2467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2467
}
```

## Border

The CSS property to change the border of an element to Hex 2F2467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

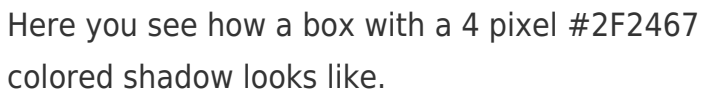
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2467 }
```

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

```
.border{ border-color:#2F2467 }
```

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



Here you see how a box with a 4 pixel #2F2467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2467; -webkit-box-shadow:4px 4px  
4px 4px #2F2467; box-shadow:4px 4px 4px  
4px #2F2467 }
```

# Background

The CSS property to change the background color of an element to Hex 2F2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2467 }
```

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

```
.background{ background-color:#2F2467 }
```

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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