

# Converting Colors

Hex(2F2D9F)

Have a look what the booklet for  
Hex(2F2D9F) contains.

<b>Hex(2F2D9F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

Hex(2F2D9F)

# Conversions

## Conversions Part 1

Format	Color
Hex	2F2D9F
RGB	47, 45, 159
RGB Percent	18%, 18%, 62%
CMY	0.8157, 0.8235, 0.3765
CMYK	0.70, 0.72, 0.00, 0.38
HSL	241°, 56%, 40%
HSV	241°, 72%, 62%
XYZ	8.3687, 4.9843, 33.3219
YIQ	58.5940, -35.4020, 35.8780

# Conversions

## Conversions Part 2

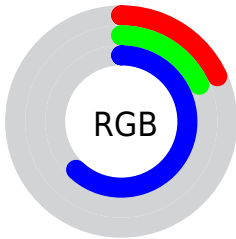
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 45, 159
Decimal	3091871
CIE <sub>Lab</sub>	26.69, 38.43, -61.17
CIE <sub>LCh</sub>	27, 72.244, 302.137
Yxy	4.9843, 0.1793, 0.1068
Android (android.graphics.Color)	4281281951 (0xFF2F2D9F)
YUV	58.5940, 49.5002, -10.1679
Hunter-Lab	22.3256, 27.8405, -72.8650

# Details

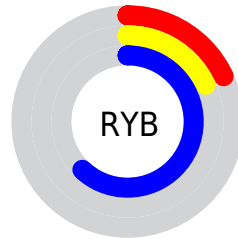
The Hex color **2F2D9F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9D9F2D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6D5CD7**, and **00036A** is the 20% darker color. If you saturate the color by 10%, you get **1F1D9F**, and if you desaturate by 10%, it is **3F3D9F**.

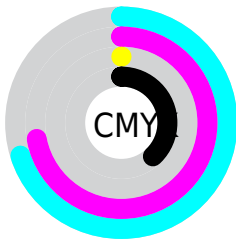
# Distribution



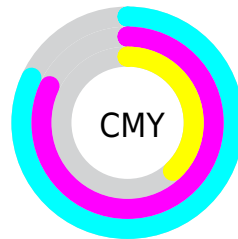
- Red (18%)
- Green (18%)
- Blue (62%)



- Red (18%)
- Yellow (18%)
- Blue (62%)



- Cyan (70%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (82%)
- Yellow (38%)
- Black (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F2D9F 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 2F2D9F by changing the saturation by 10% instead.





2F2D9F



2F2D9F

FFFFFF



001784



6D5CD7



00036A



8A75F4



000051



A78FFF



000539



C4A9FF



000223



E2C5FF



000009



FFE1FF



000000

FFFEFF



2F2D9F



2F2D9F

■ 1F1D9F

■ 3F3D9F

■ 100D9F

■ 4E4D9F

■ 03009F

■ 5E5D9F

■ 6D6D9F

■ 7D7D9F

■ 8D8C9F

■ 9C9C9F

■ ACAC9F

■ BCBC9F

# Harmonies

## Analogous

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



0047B1



2F2D9F



800074

# Triad

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



2F2D9F



752400



005342

# Complementary

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



2F2D9F



9D9F2D

# 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.



005000



2F2D9F



4B3F00

# Square

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



2F2D9F



910006



004B00



00547A

# Rectangle

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



2F2D9F



940050



004B00



00522E



# Sweetspot

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



2F2D9F



A2A1CF



2D9D9F



4E4D69



E8E8E8



696969



# Same Dimension

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



2F2D9F



201DCF



682D9F



47474F



03008F



00000F



# Inverse Universe

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



9F2D9D



CF1DCB



649F2D



4F474F



8F008C

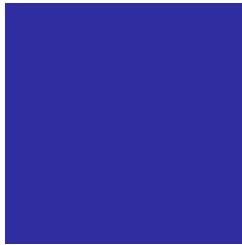


0F000F



# Previews

## White Background



This preview shows how the Hex color 2F2D9F looks on a white background.

## Color Contrast Check

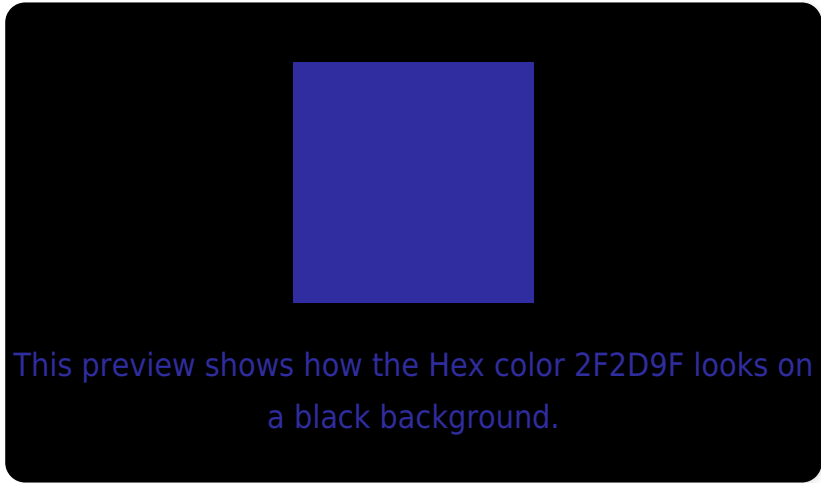
Large Text (above 18pt) WCAG AA ✓ Pass

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

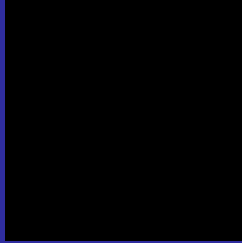
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2F2D9F Background



This preview shows how black text looks on a background with the Hex color 2F2D9F.

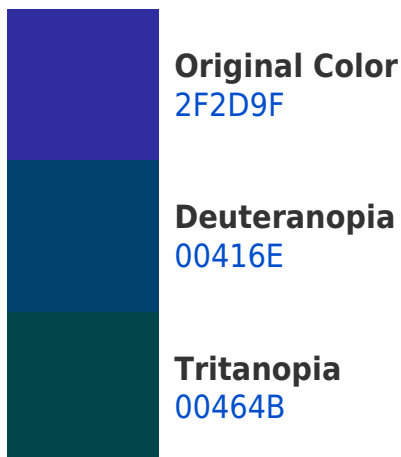


This preview shows how white text looks on a background with the Hex color 2F2D9F.

# 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



# Trichromacy



**Original Color**  
2F2D9F

**Deuteranomaly**  
113A80

**Tritanomaly**  
113D6A

# Monochromacy



**Original Color**  
2F2D9F

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
37365F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F2D9F 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 #2F2D9F looks like.

```
.text, #text, p{  
    color:#2F2D9F  
}
```

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 #2F2D9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2D9F
}
```

## Border

The CSS property to change the border of an element to Hex 2F2D9F 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".

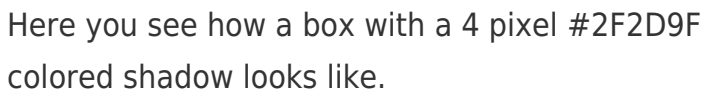
```
.border, #border, table{ border:4px solid
#2F2D9F }
```

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

```
.border{ border-color:#2F2D9F }
```

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

Here you see how a box with a 4 pixel #2F2D9F colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2D9F; -webkit-box-shadow:4px 4px  
4px 4px #2F2D9F; box-shadow:4px 4px 4px  
4px #2F2D9F }
```

# Background

The CSS property to change the background color of an element to Hex 2F2D9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2D9F }
```

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

```
.background{ background-color:#2F2D9F }
```

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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