

Converting Colors

Hex(2F337F)

Have a look what the booklet for
Hex(2F337F) contains.

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Color

Hex(2F337F)

Conversions

Conversions Part 1

Format	Color
Hex	2F337F
RGB	47, 51, 127
RGB Percent	18%, 20%, 50%
CMY	0.8157, 0.8000, 0.5020
CMYK	0.63, 0.60, 0.00, 0.50
HSL	237°, 46%, 34%
HSV	237°, 63%, 50%
XYZ	6.1869, 4.5043, 20.6220
YIQ	58.4680, -26.7800, 22.7880

Conversions

Conversions Part 2

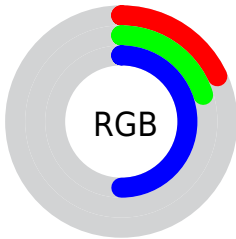
Format	Color
R_{YB}	47, 51, 127
Decimal	3093375
CIE _{Lab}	25.27, 23.23, -43.70
CIE _{LCh}	25, 49.487, 297.997
Yxy	4.5043, 0.1976, 0.1438
Android (android.graphics.Color)	4281283455 (0xFF2F337F)
YUV	58.4680, 33.7863, -10.0574
Hunter-Lab	21.2233, 14.8943, -42.7538

Details

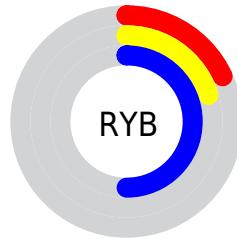
The Hex color **2F337F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7F7B2F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6661B4**, and **00094D** is the 20% darker color. If you saturate the color by 10%, you get **22277F**, and if you desaturate by 10%, it is **3C3F7F**.

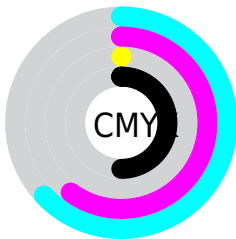
Distribution



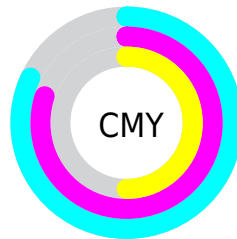
- Red (18%)
- Green (20%)
- Blue (50%)



- Red (18%)
- Yellow (20%)
- Blue (50%)



- Cyan (63%)
- Magenta (60%)
- Yellow (0%)
- Black (50%)



- Cyan (82%)
- Magenta (80%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F337F 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 2F337F by changing the saturation by 10% instead.

■ 2F337F

■ 2F337F

FFFFFF

■ 0D1E65

■ 6661B4

■ 00094D

■ 817AD0

■ 000235

■ 9C94ED

■ 00021F

■ B8AFFF

■ 000003

■ D5CAFF

■ 000000

■ F2E6FF

■ 2F337F

■ 2F337F

■ 22277F

■ 3C3F7F

■ 161B7F

■ 484B7F

■ 090F7F

■ 55577F

■ 00067F

■ 62637F

■ 6F6F7F

■ 7B7B7F

■ 88877F

■ 95947F

■ A1A07F

Harmonies

Analogous

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



004288



2F337F



651C64

Triad

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



2F337F



682900



004B38

Complementary

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



2F337F



7F7B2F

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.



00490F



2F337F



4D3A00

Square

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



2F337F



790F1B



294400



004C5E

Rectangle

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



2F337F



76074D



294400



004B2B

Sweetspot

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



2F337F



8688A6



2F7F7B



414254



D4D4D4



545454

Same Dimension

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



2F337F



282EA6



532F7F



393A40



000680



000000

Inverse Universe

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



7F2F33



A6282E



5B7F2F



40393A



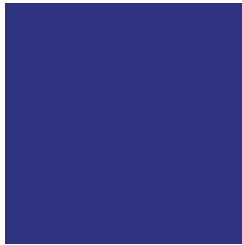
800006



000000

Previews

White Background



This preview shows how the Hex color 2F337F looks on a white background.

Color Contrast Check

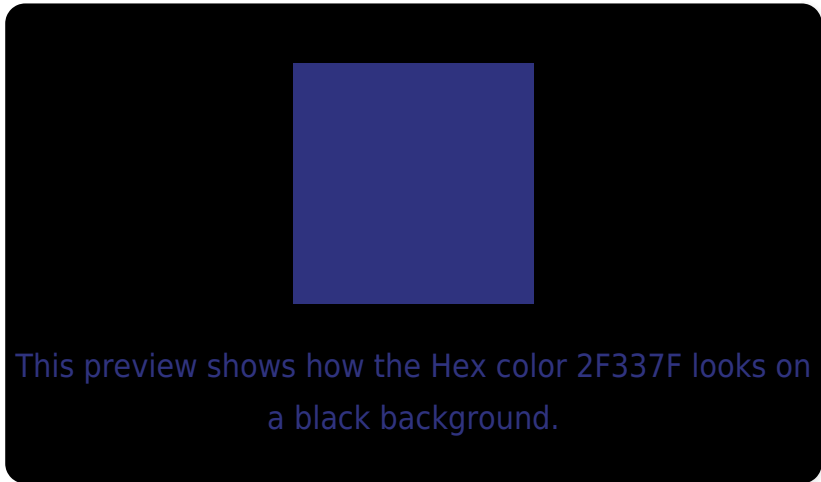
Large Text (above 18pt) WCAG AA ✓ Pass

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

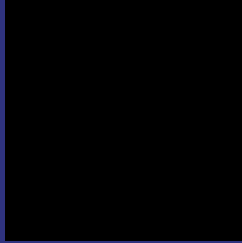
Any Text WCAG AA × Fail

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 2F337F Background



This preview shows how black text looks on a background with the Hex color 2F337F.



This preview shows how white text looks on a background with the Hex color 2F337F.

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](#).

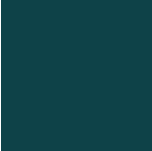
Dichromacy



Original Color
2F337F

Protanopia
003A7B

Deuteranopia
003E6A



Tritanopia
0E4248

Trichromacy



Original Color
2F337F

Protanomaly
11377C

Deuteranomaly
113A72

Tritanomaly
1A3D5C

Monochromacy



Original Color
2F337F

Achromatopsia
3A3A3A

Achromatomaly
363753

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F337F 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 #2F337F looks like.

```
.text, #text, p{  
  color:#2F337F  
}
```

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 #2F337F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F337F
}
```

Border

The CSS property to change the border of an element to Hex 2F337F 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
#2F337F }
```

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

```
.border{ border-color:#2F337F }
```

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

Here you see how a box with a 4 pixel #2F337F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F337F; -webkit-box-shadow:4px 4px  
4px 4px #2F337F; box-shadow:4px 4px 4px  
4px #2F337F }
```

Background

The CSS property to change the background color of an element to Hex 2F337F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F337F }
```

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

```
.background{ background-color:#2F337F }
```

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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