

Converting Colors

Hex(2F3B87)

Have a look what the booklet for
Hex(2F3B87) contains.

Hex(2F3B87)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(2F3B87)

Conversions

Conversions Part 1

Format	Color
Hex	2F3B87
RGB	47, 59, 135
RGB Percent	18%, 23%, 53%
CMY	0.8157, 0.7686, 0.4706
CMYK	0.65, 0.56, 0.00, 0.47
HSL	232°, 48%, 36%
HSV	232°, 65%, 53%
XYZ	7.1094, 5.4815, 23.6050
YIQ	64.0760, -31.5480, 21.0920

Conversions

Conversions Part 2

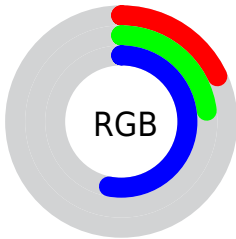
Format	Color
R_{YB}	47, 58, 135
Decimal	3095431
CIE _{Lab}	28.06, 20.74, -44.17
CIE _{LCh}	28, 48.797, 295.146
Yxy	5.4815, 0.1964, 0.1514
Android (android.graphics.Color)	4281285511 (0xFF2F3B87)
YUV	64.0760, 34.9655, -14.9757
Hunter-Lab	23.4127, 13.2306, -43.3882

Details

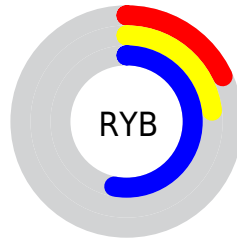
The Hex color **2F3B87** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **877B2F**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **676ABD**, and **001254** is the 20% darker color. If you saturate the color by 10%, you get **222F87**, and if you desaturate by 10%, it is **3D4787**.

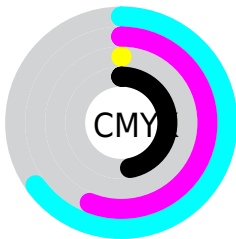
Distribution



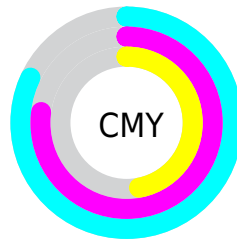
- Red (18%)
- Green (23%)
- Blue (53%)



- Red (18%)
- Yellow (23%)
- Blue (53%)



- Cyan (65%)
- Magenta (56%)
- Yellow (0%)
- Black (47%)



- Cyan (82%)
- Magenta (77%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3B87 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 2F3B87 by changing the saturation by 10% instead.

■ 2F3B87

■ 2F3B87

FFFFFF

■ 0A266D

■ 676ABD

■ 001254

■ 8283D9

■ 00003D

■ 9E9DF6

■ 000226

■ BAB8FF

■ 00010F

■ D7D4FF

■ 000000

■ F4F0FF

■ 2F3B87

■ 2F3B87

■ 222F87

■ 3D4787

■ 142487

■ 4A5287

■ 071887

■ 585E87

■ 001287

■ 656A87

■ 737587

■ 808187

■ 8E8D87

■ 9B9887

■ A9A487

Harmonies

Analogous

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



00498E



2F3B87



68266E

Triad

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



2F3B87



722E00



00523B

Complementary

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



2F3B87



877B2F

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.



004F12



2F3B87



573F00

Square

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



2F3B87



811825



334900



005261

Rectangle

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



2F3B87



7B1756



334900



00512E

Sweetspot

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



2F3B87



8D92B0



2F877A



444759



D9D9D9



595959

Same Dimension

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



2F3B87



2739B0



4E2F87



3C3D42



001282



000003

Inverse Universe

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



872F3B



B02739



68872F



423C3D



820012



030000

Previews

White Background



This preview shows how the Hex color 2F3B87 looks on a white background.

Color Contrast Check

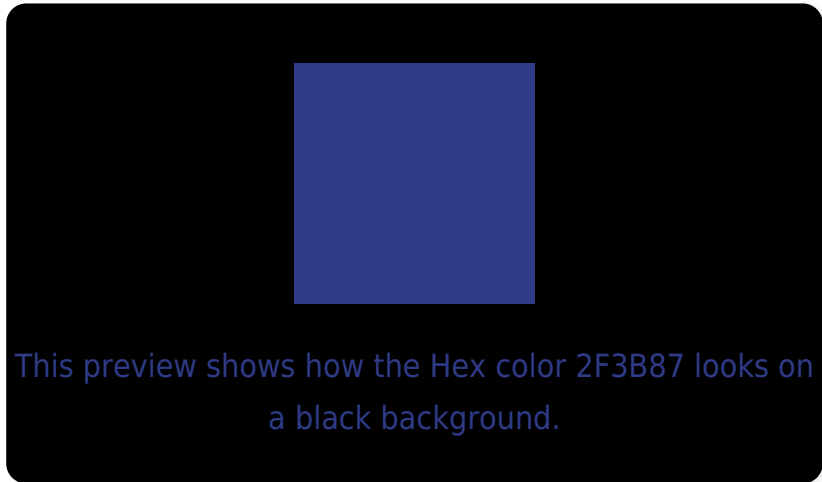
Large Text (above 18pt) WCAG AA ✓ Pass

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

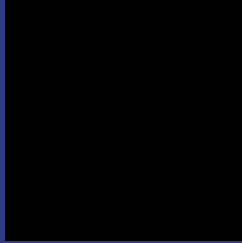
Any Text WCAG AA × Fail

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 2F3B87 Background



This preview shows how black text looks on a background with the Hex color 2F3B87.

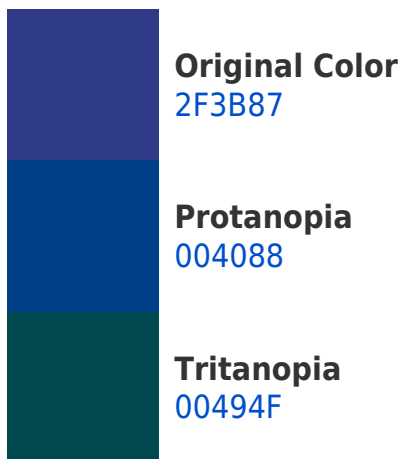


This preview shows how white text looks on a background with the Hex color 2F3B87.

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
2F3B87

Protanomaly
113E88

Tritanomaly
114463

Monochromacy



Original Color
2F3B87

Achromatopsia
404040

Achromatomaly
3A3E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3B87 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 #2F3B87 looks like.

```
.text, #text, p{  
    color:#2F3B87  
}
```

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 #2F3B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3B87
}
```

Border

The CSS property to change the border of an element to Hex 2F3B87 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".

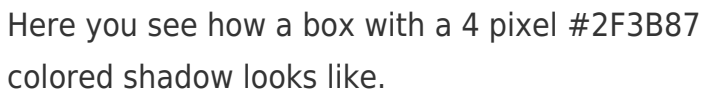
```
.border, #border, table{ border:4px solid
#2F3B87 }
```

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

```
.border{ border-color:#2F3B87 }
```

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

Here you see how a box with a 4 pixel #2F3B87 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3B87; -webkit-box-shadow:4px 4px  
4px 4px #2F3B87; box-shadow:4px 4px 4px  
4px #2F3B87 }
```

Background

The CSS property to change the background color of an element to Hex 2F3B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3B87 }
```

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

```
.background{ background-color:#2F3B87 }
```

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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