

Converting Colors

Hex(3F3A9D)

Have a look what the booklet for
Hex(3F3A9D) contains.

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Color

Hex(3F3A9D)

Conversions

Conversions Part 1

Format	Color
Hex	3F3A9D
RGB	63, 58, 157
RGB Percent	25%, 23%, 62%
CMY	0.7529, 0.7725, 0.3843
CMYK	0.60, 0.63, 0.00, 0.38
HSL	243°, 46%, 42%
HSV	243°, 63%, 62%
XYZ	9.6488, 6.5172, 32.6477
YIQ	70.7810, -28.7990, 31.8490

Conversions

Conversions Part 2

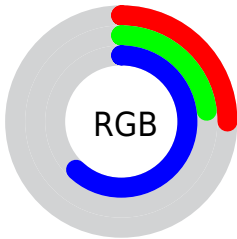
Format	Color
RYB	63, 58, 157
Decimal	4143773
CIELab	30.68, 32.03, -53.38
CIElCh	31, 62.252, 300.969
Yxy	6.5172, 0.1977, 0.1335
Android (android.graphics.Color)	4282333853 (0xFF3F3A9D)
YUV	70.7810, 42.5060, -6.8239
Hunter-Lab	25.5288, 22.7897, -57.9533

Details

The Hex color **3F3A9D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **989D3A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **786AD4**, and **000F69** is the 20% darker color. If you saturate the color by 10%, you get **302A9D**, and if you desaturate by 10%, it is **4E4A9D**.

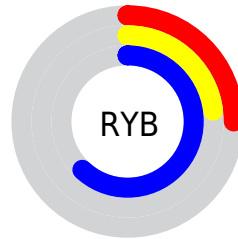
Distribution



Red (25%)

Green (23%)

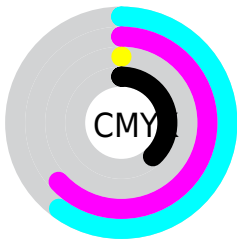
Blue (62%)



Red (25%)

Yellow (23%)

Blue (62%)

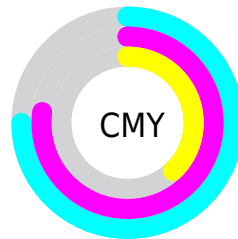


Cyan (60%)

Magenta (63%)

Yellow (0%)

Black (38%)



Cyan (75%)

Magenta (77%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3A9D 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 3F3A9D by changing the saturation by 10% instead.

■ 3F3A9D

■ 3F3A9D

FFFFFF

■ 1E2482

■ 786AD4

■ 000F69

■ 9483F1

■ 000050

■ B19DFF

■ 000538

■ CDB8FF

■ 000221

■ EBD4FF

■ 000007

■ FFF0FF

■ 000000

■ 3F3A9D

■ 3F3A9D

■ 302A9D

■ 4E4A9D

■ 211B9D

■ 5D599D

■ 120B9D

■ 6C699D

■ 08009D

■ 7B799D

■ 8A899D

■ 98989D

■ A7A89D

■ B6B89D

■ C5C79D

Harmonies

Analogous

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



004FAB



3F3A9D



811478

Triad

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



3F3A9D



7D3100



005B49

Complementary

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



3F3A9D



989D3A

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.



005913



3F3A9D



584700

Square

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



3F3A9D



95041A



265300



005C7A

Rectangle

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



3F3A9D



940059



265300



005B37

Sweetspot

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



3F3A9D



A7A5CC



3A989D



504F66



E6E6E6



666666

Same Dimension

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



3F3A9D



3931CC



703A9D



48474F



07008F



01000F

Inverse Universe

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



9D3A98



CC31C4



679D3A



4F474F



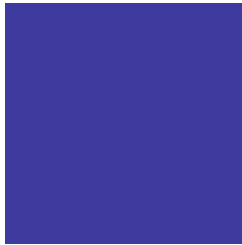
8F0088



0F000F

Previews

White Background



This preview shows how the Hex color 3F3A9D looks on a white background.

Color Contrast Check

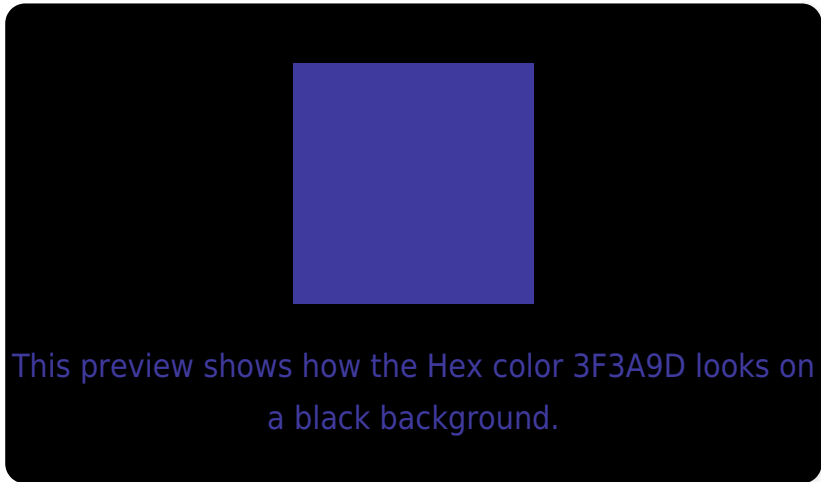
Large Text (above 18pt) WCAG AA ✓ Pass

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

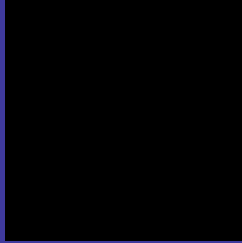
Any Text WCAG AA × Fail

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 3F3A9D Background



This preview shows how black text looks on a background with the Hex color 3F3A9D.



This preview shows how white text looks on a background with the Hex color 3F3A9D.

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
3F3A9D

Deuteranopia
004A7F

Tritanopia
1E4F55

Trichromacy



Original Color
3F3A9D

Deuteranomaly
17448A

Tritanomaly
2A476F

Monochromacy



Original Color
3F3A9D

Achromatopsia
474747

Achromatomaly
444266

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3A9D 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 #3F3A9D looks like.

```
.text, #text, p{  
    color:#3F3A9D  
}
```

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 #3F3A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3A9D
}
```

Border

The CSS property to change the border of an element to Hex 3F3A9D 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
#3F3A9D }
```

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

```
.border{ border-color:#3F3A9D }
```

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

Here you see how a box with a 4 pixel #3F3A9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3A9D; -webkit-box-shadow:4px 4px  
4px 4px #3F3A9D; box-shadow:4px 4px 4px  
4px #3F3A9D }
```

Background

The CSS property to change the background color of an element to Hex 3F3A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3A9D }
```

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

```
.background{ background-color:#3F3A9D }
```

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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