

Converting Colors

Hex(3A3A9A)

Have a look what the booklet for
Hex(3A3A9A) contains.

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Color

Hex(3A3A9A)

Conversions

Conversions Part 1

Format	Color
Hex	3A3A9A
RGB	58, 58, 154
RGB Percent	23%, 23%, 60%
CMY	0.7725, 0.7725, 0.3961
CMYK	0.62, 0.62, 0.00, 0.40
HSL	240°, 45%, 42%
HSV	240°, 62%, 60%
XYZ	9.0907, 6.2587, 31.3008
YIQ	68.9440, -30.8160, 29.8560

Conversions

Conversions Part 2

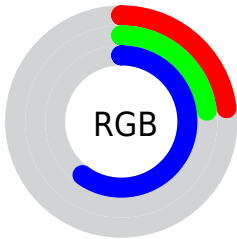
Format	Color
R_{YB}	58, 58, 154
Decimal	3816090
CIE _{Lab}	30.06, 30.14, -52.59
CIE _{LCh}	30, 60.615, 299.820
Yxy	6.2587, 0.1949, 0.1342
Android (android.graphics.Color)	4282006170 (0xFF3A3A9A)
YUV	68.9440, 41.9326, -9.5979
Hunter-Lab	25.0175, 21.0817, -56.6688

Details

The Hex color **3A3A9A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9A9A3A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7369D1**, and **001066** is the 20% darker color. If you saturate the color by 10%, you get **2B2B9A**, and if you desaturate by 10%, it is **49499A**.

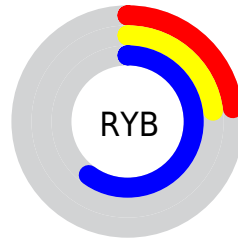
Distribution



Red (23%)

Green (23%)

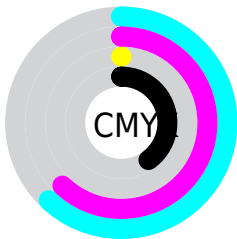
Blue (60%)



Red (23%)

Yellow (23%)

Blue (60%)

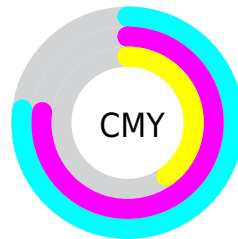


Cyan (62%)

Magenta (62%)

Yellow (0%)

Black (40%)



Cyan (77%)

Magenta (77%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3A9A 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 3A3A9A by changing the saturation by 10% instead.

■ 3A3A9A

■ 3A3A9A

FFFFFF

■ 17247F

■ 7369D1

■ 001066

■ 8F83EE

■ 00004D

■ AC9DFF

■ 000535

■ C9B8FF

■ 00021F

■ E6D4FF

■ 000002

■ FFF0FF

■ 000000

■ 3A3A9A

■ 3A3A9A

■ 2B2B9A

■ 49499A

■ 1B1B9A

■ 59599A

■ 0C0C9A

■ 68689A

■ 00009A

■ 78789A

■ 87879A

■ 96969A

■ A6A69A

■ B5B59A

■ C5C59A

Harmonies

Analogous

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



004EA7



3A3A9A



7C1777

Triad

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



3A3A9A



7B2F00



005945

Complementary

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



3A3A9A



9A9A3A

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.



005711



3A3A9A



584500

Square

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



3A3A9A



92051B



285100



005A75

Rectangle

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



3A3A9A



900059



285100



005935

Sweetspot

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



3A3A9A



A3A3C9



3A9A9A



4F4F66



E6E6E6



666666

Same Dimension

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



3A3A9A



3232C9



6A3A9A



45454D



00008C



00000D

Inverse Universe

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



9A3A9A



C932C9



6A9A3A



4D454D



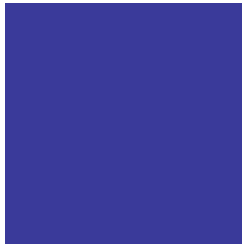
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 3A3A9A looks on a white background.

Color Contrast Check

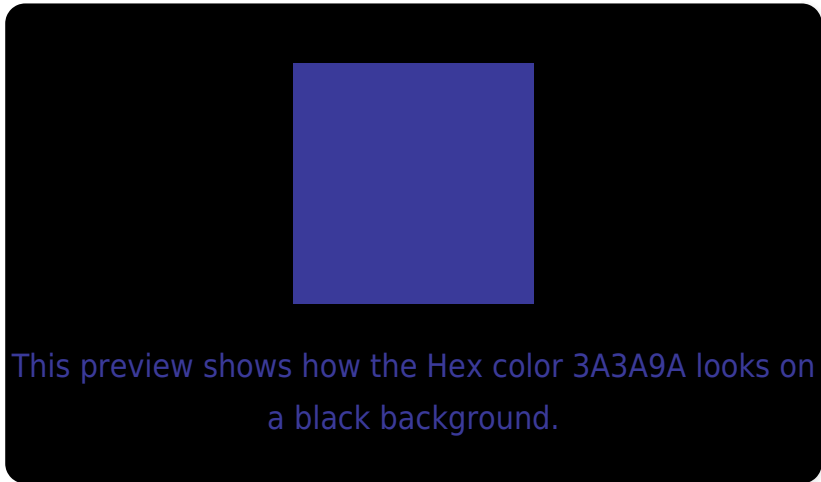
Large Text (above 18pt) WCAG AA ✓ Pass

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

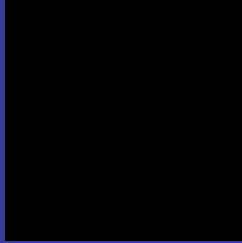
Any Text WCAG AA × Fail

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 3A3A9A Background



This preview shows how black text looks on a background with the Hex color 3A3A9A.

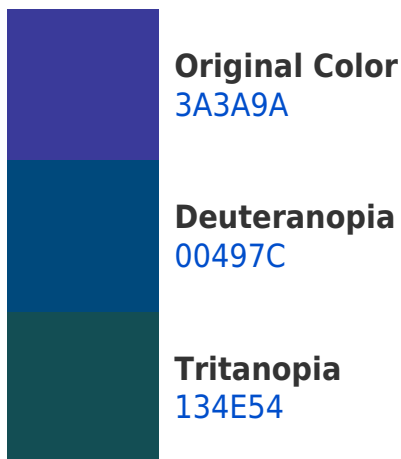


This preview shows how white text looks on a background with the Hex color 3A3A9A.

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
3A3A9A

Deuteranomaly
154487

Tritanomaly
21476D

Monochromacy



Original Color
3A3A9A

Achromatopsia
454545

Achromatomaly
414164

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3A9A 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 #3A3A9A looks like.

```
.text, #text, p{  
    color:#3A3A9A  
}
```

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 #3A3A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3A9A
}
```

Border

The CSS property to change the border of an element to Hex 3A3A9A 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
#3A3A9A }
```

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

```
.border{ border-color:#3A3A9A }
```

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

Here you see how a box with a 4 pixel #3A3A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3A9A; -webkit-box-shadow:4px 4px  
4px 4px #3A3A9A; box-shadow:4px 4px 4px  
4px #3A3A9A }
```

Background

The CSS property to change the background color of an element to Hex 3A3A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3A9A }
```

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

```
.background{ background-color:#3A3A9A }
```

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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