

Converting Colors

Hex(3A3A8C)

Have a look what the booklet for
Hex(3A3A8C) contains.

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Color

Hex(3A3A8C)

Conversions

Conversions Part 1

Format	Color
Hex	3A3A8C
RGB	58, 58, 140
RGB Percent	23%, 23%, 55%
CMY	0.7725, 0.7725, 0.4510
CMYK	0.59, 0.59, 0.00, 0.45
HSL	240°, 41%, 39%
HSV	240°, 59%, 55%
XYZ	7.9916, 5.8191, 25.5129
YIQ	67.3480, -26.3220, 25.5020

Conversions

Conversions Part 2

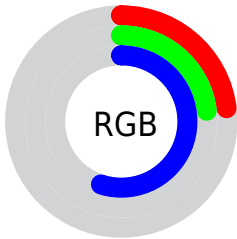
Format	Color
R_{YB}	58, 58, 140
Decimal	3816076
CIE _{Lab}	28.95, 25.29, -45.80
CIE _{LCh}	29, 52.316, 298.908
Yxy	5.8191, 0.2032, 0.1480
Android (android.graphics.Color)	4282006156 (0xFF3A3A8C)
YUV	67.3480, 35.8174, -8.1982
Hunter-Lab	24.1228, 16.9200, -45.8207

Details

The Hex color **3A3A8C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C8C3A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7169C2**, and **001059** is the 20% darker color. If you saturate the color by 10%, you get **2C2C8C**, and if you desaturate by 10%, it is **48488C**.

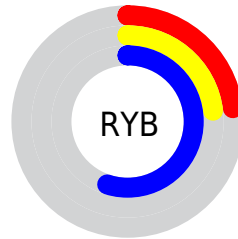
Distribution



Red (23%)

Green (23%)

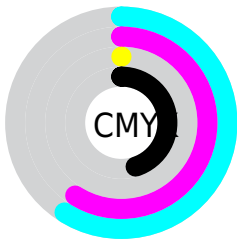
Blue (55%)



Red (23%)

Yellow (23%)

Blue (55%)

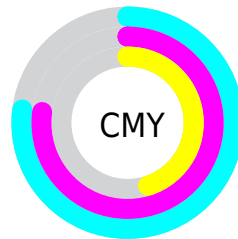


Cyan (59%)

Magenta (59%)

Yellow (0%)

Black (45%)



Cyan (77%)

Magenta (77%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3A8C 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 3A3A8C by changing the saturation by 10% instead.

■ 3A3A8C

■ 3A3A8C

FFFFFF

■ 1B2472

■ 7169C2

■ 001059

■ 8C82DF

■ 000041

■ A89DFB

■ 00032A

■ C4B7FF

■ 000114

■ E1D3FF

■ 000000

■ FFEFFF

■ 3A3A8C

■ 3A3A8C

■ 2C2C8C

■ 48488C

■ 1E1E8C

■ 56568C

■ 10108C

■ 64648C

■ 02028C

■ 72728C

■ 00008C

■ 80808C

■ 8E8E8C

■ 9C9C8C

■ AAAA8C

■ B8B88C

Harmonies

Analogous

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



004A96



3A3A8C



72216F

Triad

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



3A3A8C



743000



005542

Complementary

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



3A3A8C



8C8C3A

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.



005316



3A3A8C



564200

Square

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



3A3A8C



861720



2E4D00



00556B

Rectangle

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



3A3A8C



830E55



2E4D00



005433

Sweetspot

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



3A3A8C



9494B5



3A8C8C



48485C



DBDBDB



5C5C5C

Same Dimension

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



3A3A8C



3636B5



633A8C



3E3E45



000085



000005

Inverse Universe

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



8C3A8C



B536B5



638C3A



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 3A3A8C looks on a white background.

Color Contrast Check

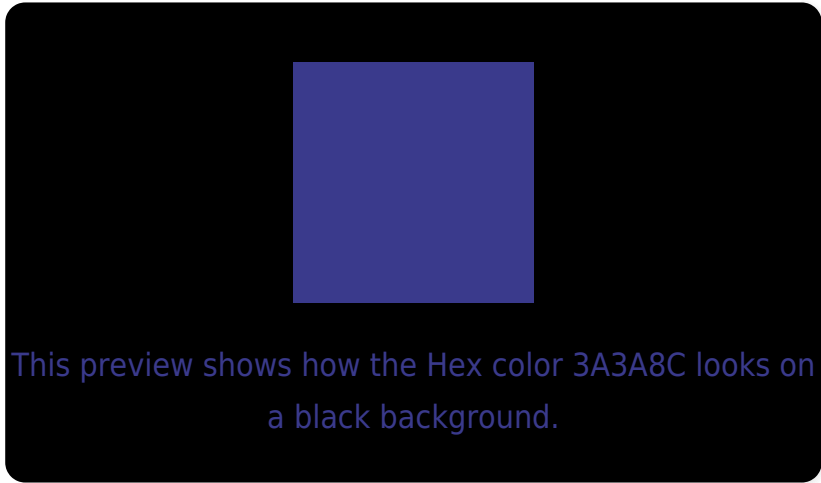
Large Text (above 18pt) WCAG AA ✓ Pass

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

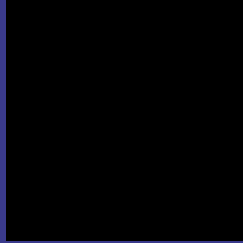
Any Text WCAG AA × Fail

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 3A3A8C Background



This preview shows how black text looks on a background with the Hex color 3A3A8C.



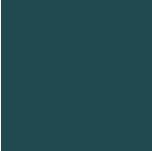
This preview shows how white text looks on a background with the Hex color 3A3A8C.

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





Tritanopia
214A50

Trichromacy



Original Color
3A3A8C

Protanomaly
153F8C

Deuteranomaly
154280

Tritanomaly
2A4466

Monochromacy



Original Color
3A3A8C

Achromatopsia
434343

Achromatomaly
40405E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3A8C 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 #3A3A8C looks like.

```
.text, #text, p{  
    color:#3A3A8C  
}
```

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 #3A3A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3A8C
}
```

Border

The CSS property to change the border of an element to Hex 3A3A8C 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
#3A3A8C }
```

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

```
.border{ border-color:#3A3A8C }
```

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

Here you see how a box with a 4 pixel #3A3A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3A8C; -webkit-box-shadow:4px 4px  
4px 4px #3A3A8C; box-shadow:4px 4px 4px  
4px #3A3A8C }
```

Background

The CSS property to change the background color of an element to Hex 3A3A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3A8C }
```

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

```
.background{ background-color:#3A3A8C }
```

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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