

Converting Colors

Hex(3A33A0)

Have a look what the booklet for
Hex(3A33A0) contains.

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Color

Hex(3A33A0)

Conversions

Conversions Part 1

Format	Color
Hex	3A33A0
RGB	58, 51, 160
RGB Percent	23%, 20%, 63%
CMY	0.7725, 0.8000, 0.3725
CMYK	0.64, 0.68, 0.00, 0.37
HSL	244°, 52%, 41%
HSV	244°, 68%, 63%
XYZ	9.2739, 5.8053, 33.8894
YIQ	65.5190, -30.8170, 35.3830

Conversions

Conversions Part 2

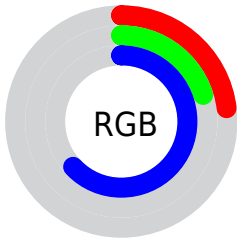
Format	Color
R_{YB}	58, 51, 160
Decimal	3814304
CIE _{Lab}	28.92, 36.58, -58.10
CIE _{LCh}	29, 68.657, 302.198
Yxy	5.8053, 0.1894, 0.1186
Android (android.graphics.Color)	4282004384 (0xFF3A33A0)
YUV	65.5190, 46.5791, -6.5942
Hunter-Lab	24.0941, 26.5406, -66.5282

Details

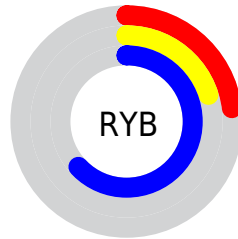
The Hex color **3A33A0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **99A033**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7562D8**, and **00086B** is the 20% darker color. If you saturate the color by 10%, you get **2B23A0**, and if you desaturate by 10%, it is **4943A0**.

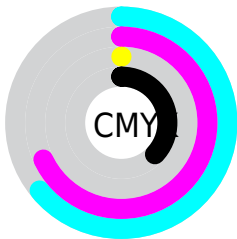
Distribution



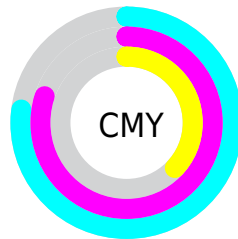
- Red (23%)
- Green (20%)
- Blue (63%)



- Red (23%)
- Yellow (20%)
- Blue (63%)



- Cyan (64%)
- Magenta (68%)
- Yellow (0%)
- Black (37%)



- Cyan (77%)
- Magenta (80%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A33A0 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 3A33A0 by changing the saturation by 10% instead.

■ 3A33A0

■ 3A33A0

FFFFFF

■ 141D85

■ 7562D8

■ 00086B

■ 917CF5

■ 000052

■ AE96FF

■ 00053A

■ CBB0FF

■ 000224

■ E9CCFF

■ 00000B

■ FFE8FF

■ 000000

■ 3A33A0

■ 3A33A0

■ 2B23A0

■ 4943A0

■ 1C13A0

■ 5853A0

■ 0D03A0

■ 6763A0

■ 0A00A0

■ 7673A0

■ 8583A0

■ 9493A0

■ A3A3A0

■ B2B3A0

■ C1C3A0

Harmonies

Analogous

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



004BB1



3A33A0



830077

Triad

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



3A33A0



7A2B00



005847

Complementary

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



3A33A0



99A033

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.



005609



3A33A0



514400

Square

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



3A33A0



95000F



125000



00597C

Rectangle

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



3A33A0



970054



125000



005734

Sweetspot

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



3A33A0



AAA7D1



339BA0



514F69



E8E8E8



696969

Same Dimension

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



3A33A0



3126D1



6F33A0



48474F



09008F



01000F

Inverse Universe

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



A03399



D126C6



64A033



4F474F



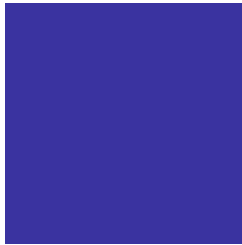
8F0086



0F000E

Previews

White Background



This preview shows how the Hex color 3A33A0 looks on a white background.

Color Contrast Check

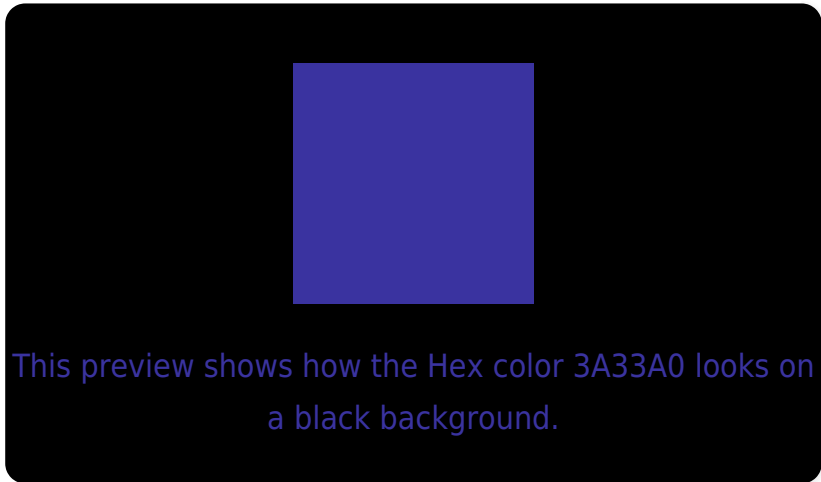
Large Text (above 18pt) WCAG AA ✓ Pass

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

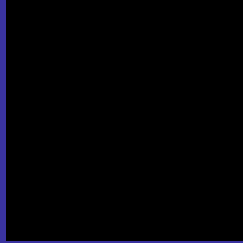
Any Text WCAG AA × Fail

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 3A33A0 Background



This preview shows how black text looks on a background with the Hex color 3A33A0.

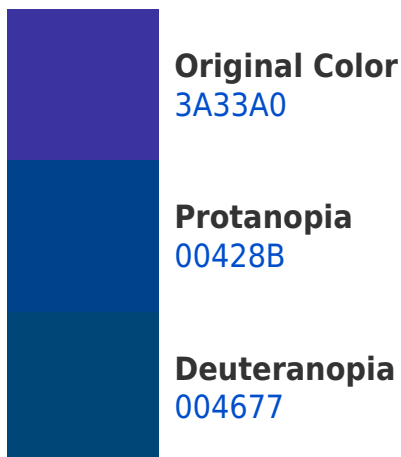


This preview shows how white text looks on a background with the Hex color 3A33A0.

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
004C52

Trichromacy



Original Color
3A33A0

Protanomaly
153D93

Deuteranomaly
153F86

Tritanomaly
15436E

Monochromacy



Original Color
3A33A0

Achromatopsia
424242

Achromatomaly
3F3D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A33A0 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 #3A33A0 looks like.

```
.text, #text, p{  
    color:#3A33A0  
}
```

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 #3A33A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A33A0
}
```

Border

The CSS property to change the border of an element to Hex 3A33A0 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
#3A33A0 }
```

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

```
.border{ border-color:#3A33A0 }
```

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

Here you see how a box with a 4 pixel #3A33A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A33A0; -webkit-box-shadow:4px 4px  
4px 4px #3A33A0; box-shadow:4px 4px 4px  
4px #3A33A0 }
```

Background

The CSS property to change the background color of an element to Hex 3A33A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A33A0 }
```

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

```
.background{ background-color:#3A33A0 }
```

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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