

Converting Colors

Hex(333AA0)

Have a look what the booklet for
Hex(333AA0) contains.

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Color

Hex(333AA0)

Conversions

Conversions Part 1

Format	Color
Hex	333AA0
RGB	51, 58, 160
RGB Percent	20%, 23%, 63%
CMY	0.8000, 0.7725, 0.3725
CMYK	0.68, 0.64, 0.00, 0.37
HSL	236°, 52%, 41%
HSV	236°, 68%, 63%
XYZ	9.2235, 6.2680, 33.9814
YIQ	67.5350, -36.9140, 30.2380

Conversions

Conversions Part 2

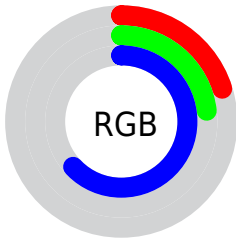
Format	Color
RYB	51, 58, 160
Decimal	3357344
CIELab	30.08, 31.15, -56.22
CIELCh	30, 64.270, 298.993
Yxy	6.2680, 0.1864, 0.1267
Android (android.graphics.Color)	4281547424 (0xFF333AA0)
YUV	67.5350, 45.5852, -14.5012
Hunter-Lab	25.0359, 21.9481, -62.9495

Details

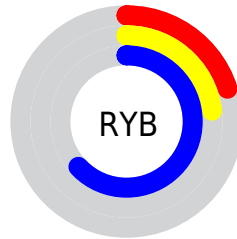
The Hex color **333AA0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A09933**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6F69D8**, and **00106B** is the 20% darker color. If you saturate the color by 10%, you get **232BA0**, and if you desaturate by 10%, it is **4349A0**.

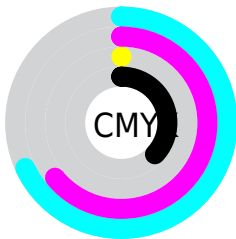
Distribution



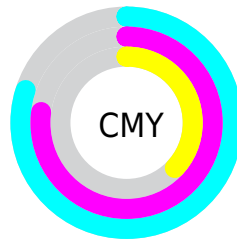
- Red (20%)
- Green (23%)
- Blue (63%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 333AA0 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 333AA0 by changing the saturation by 10% instead.

■ 333AA0

■ 333AA0

FFFFFF

■ 042485

■ 6F69D8

■ 00106B

■ 8C83F4

■ 000053

■ A89DFF

■ 00063A

■ C5B8FF

■ 000224

■ E3D3FF

■ 00000B

■ FFF0FF

■ 000000

■ 333AA0

■ 333AA0

■ 232BA0

■ 4349A0

■ 131CA0

■ 5358A0

■ 030DA0

■ 6367A0

■ 000AA0

■ 7376A0

■ 8385A0

■ 9394A0

■ A3A3A0

■ B3B2A0

■ C3C1A0

Harmonies

Analogous

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



004FAD



333AA0



7E107B

Triad

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



333AA0



7E2D00



005A44

Complementary

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



333AA0



A09933

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.



005709



333AA0



594500

Square

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



333AA0



96001A



265100



005B77

Rectangle

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



333AA0



93005B



265100



005932

Sweetspot

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



333AA0



A7AAD1



33A099



4F5169



E8E8E8



696969

Same Dimension

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



333AA0



2631D1



6233A0



47484F



00098F



00010F

Inverse Universe

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



A0333A



D12631



71A033



4F4748



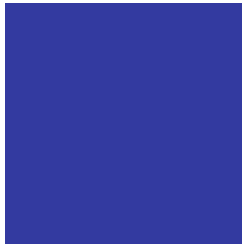
8F0009



0F0001

Previews

White Background



This preview shows how the Hex color 333AA0 looks on a white background.

Color Contrast Check

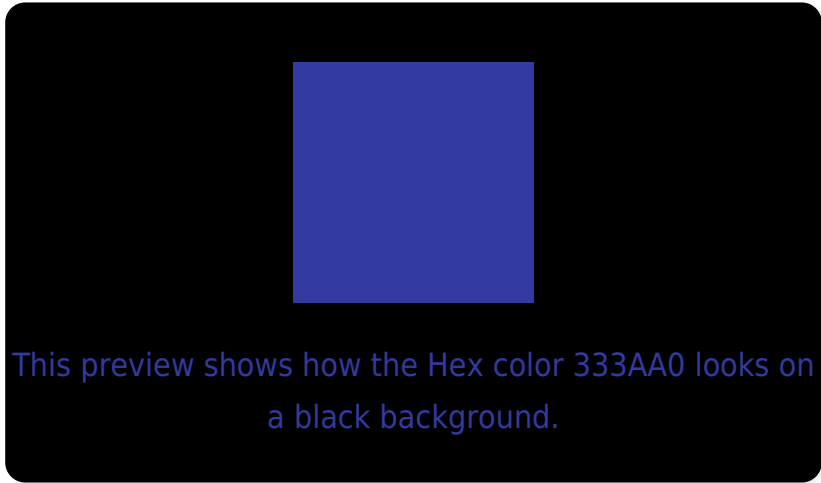
Large Text (above 18pt) WCAG AA ✓ Pass

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

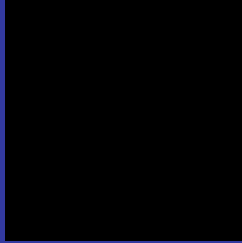
Any Text WCAG AA × Fail

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 333AA0 Background



This preview shows how black text looks on a background with the Hex color 333AA0.

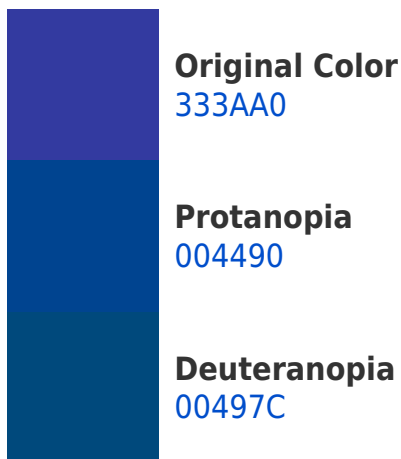


This preview shows how white text looks on a background with the Hex color 333AA0.

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
004F54

Trichromacy



Original Color
333AA0

Protanomaly
134096

Deuteranomaly
134489

Tritanomaly
134770

Monochromacy



Original Color
333AA0

Achromatopsia
444444

Achromatomaly
3E4065

CSS Examples

Text

The CSS property to change the color of the text to Hex 333AA0 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 #333AA0 looks like.

```
.text, #text, p{  
    color:#333AA0  
}
```

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 #333AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333AA0
}
```

Border

The CSS property to change the border of an element to Hex 333AA0 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
#333AA0 }
```

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

```
.border{ border-color:#333AA0 }
```

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

Here you see how a box with a 4 pixel #333AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333AA0; -webkit-box-shadow:4px 4px  
4px 4px #333AA0; box-shadow:4px 4px 4px  
4px #333AA0 }
```

Background

The CSS property to change the background color of an element to Hex 333AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333AA0 }
```

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

```
.background{ background-color:#333AA0 }
```

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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