

Converting Colors

Hex(303B9B)

Have a look what the booklet for
Hex(303B9B) contains.

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Color

Hex(303B9B)

Conversions

Conversions Part 1

Format	Color
Hex	303B9B
RGB	48, 59, 155
RGB Percent	19%, 23%, 61%
CMY	0.8118, 0.7686, 0.3922
CMYK	0.69, 0.62, 0.00, 0.39
HSL	234°, 53%, 40%
HSV	234°, 69%, 61%
XYZ	8.6993, 6.1229, 31.7337
YIQ	66.6550, -37.3720, 27.5240

Conversions

Conversions Part 2

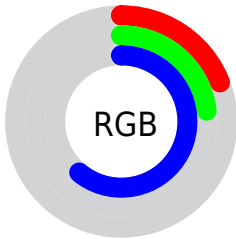
Format	Color
R_{YB}	48, 58, 155
Decimal	3160987
CIE _{Lab}	29.72, 28.26, -53.77
CIE _{LCh}	30, 60.747, 297.723
Yxy	6.1229, 0.1869, 0.1315
Android (android.graphics.Color)	4281351067 (0xFF303B9B)
YUV	66.6550, 43.5541, -16.3604
Hunter-Lab	24.7444, 19.4517, -58.7158




Details

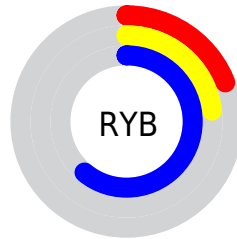
The Hex color **303B9B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9B9030**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **6C6AD2**, and **001267** is the 20% darker color. If you saturate the color by 10%, you get **212D9B**, and if you desaturate by 10%, it is **3F499B**.

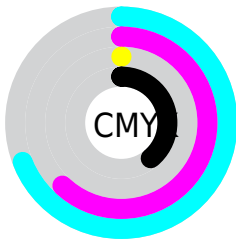
Distribution







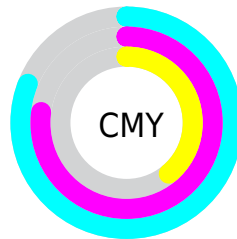
-  Red (19%)
-  Green (23%)
-  Blue (61%)






-  Red (19%)
-  Yellow (23%)
-  Blue (61%)



-  Cyan (69%)
-  Magenta (62%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (81%)
-  Magenta (77%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303B9B 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 303B9B by changing the saturation by 10% instead.

■ 303B9B

■ 303B9B

FFFFFF

■ 002580

■ 6C6AD2

■ 001267

■ 8883EF

■ 00004E

■ A59EFF

■ 000536

■ C2B8FF

■ 000220

■ DFD4FF

■ 000004

■ FDF0FF

■ 000000

■ 303B9B

■ 303B9B

■ 212D9B

■ 3F499B

■ 111F9B

■ 4F579B

■ 01119B

■ 5E659B

■ 00109B

■ 6E739B

■ 7E819B

■ 8D8E9B

■ 9D9C9B

■ ACAA9B

■ BBB89B

Harmonies

Analogous

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



004EA6



303B9B



791979

Triad

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



303B9B



7D2D00



005841

Complementary

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



303B9B



9B9030

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.



00560A



303B9B



5A4300

Square

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



303B9B



92001E



2B5000



005971

Rectangle

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



303B9B



8E005B



2B5000



005830

Sweetspot

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



303B9B



9FA3C9



309B8F



4D4F66



E6E6E6



666666

Same Dimension

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



303B9B



2233C9



59309B



45464D



000E8C



00010D

Inverse Universe

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



9B303B



C92233



729B30



4D4546



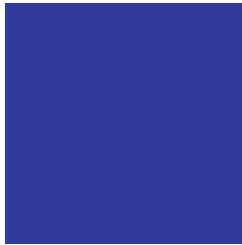
8C000E



0D0001

Previews

White Background



This preview shows how the Hex color 303B9B looks on a white background.

Color Contrast Check

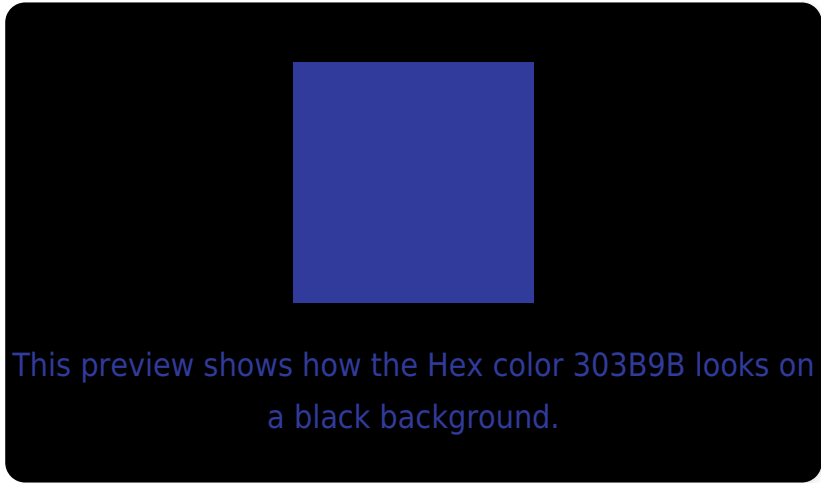
Large Text (above 18pt) WCAG AA ✓ Pass

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 303B9B Background



This preview shows how black text looks on a background with the Hex color 303B9B.

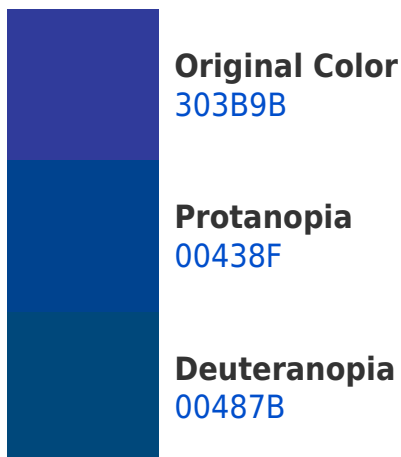


This preview shows how white text looks on a background with the Hex color 303B9B.

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
004E53

Trichromacy



Original Color
303B9B

Protanomaly
114093

Deuteranomaly
114387

Tritanomaly
11476D

Monochromacy



Original Color
303B9B

Achromatopsia
434343

Achromatomaly
3C4063

CSS Examples

Text

The CSS property to change the color of the text to Hex 303B9B 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 #303B9B looks like.

```
.text, #text, p{  
    color:#303B9B  
}
```

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 #303B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303B9B
}
```

Border

The CSS property to change the border of an element to Hex 303B9B 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
#303B9B }
```

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

```
.border{ border-color:#303B9B }
```

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

Here you see how a box with a 4 pixel #303B9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303B9B; -webkit-box-shadow:4px 4px  
4px 4px #303B9B; box-shadow:4px 4px 4px  
4px #303B9B }
```

Background

The CSS property to change the background color of an element to Hex 303B9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303B9B }
```

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

```
.background{ background-color:#303B9B }
```

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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