

Converting Colors

Hex(033199)

Have a look what the booklet for
Hex(033199) contains.

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Color

Hex(033199)

Conversions

Conversions Part 1

Format	Color
Hex	033199
RGB	3, 49, 153
RGB Percent	1%, 19%, 60%
CMY	0.9882, 0.8078, 0.4000
CMYK	0.98, 0.68, 0.00, 0.40
HSL	222°, 96%, 31%
HSV	222°, 98%, 60%
XYZ	6.8856, 4.5159, 30.6457
YIQ	47.1020, -60.8000, 22.5920

Conversions

Conversions Part 2

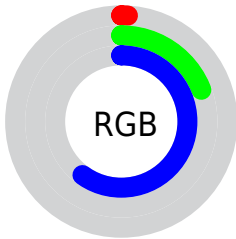
Format	Color
R_{YB}	3, 38, 153
Decimal	209305
CIE _{Lab}	25.31, 30.38, -59.85
CIE _{LCh}	25, 67.118, 296.915
Yxy	4.5159, 0.1638, 0.1074
Android (android.graphics.Color)	4278399385 (0xFF033199)
YUV	47.1020, 52.2077, -38.6775
Hunter-Lab	21.2506, 20.6490, -70.6272

Details

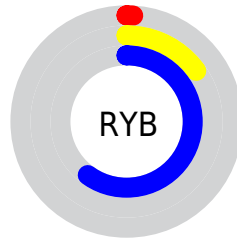
The Hex color **033199** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **996B03**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **575FD0**, and **000965** is the 20% darker color. If you saturate the color by 10%, you get **002F99**, and if you desaturate by 10%, it is **123C99**.

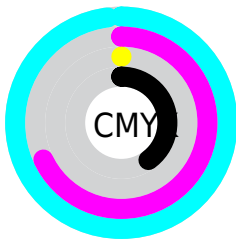
Distribution



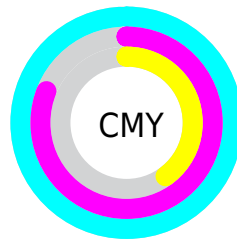
- Red (1%)
- Green (19%)
- Blue (60%)



- Red (1%)
- Yellow (15%)
- Blue (60%)



- Cyan (98%)
- Magenta (68%)
- Yellow (0%)
- Black (40%)



- Cyan (99%)
- Magenta (81%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033199 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 033199 by changing the saturation by 10% instead.

■ 033199

■ 033199

FFFFFF

■ 001C7E

■ 575FD0

■ 000965

■ 7578ED

■ 00014C

■ 9291FF

■ 000434

■ B0ACFF

■ 00021E

■ CDC7FF

■ 000000

■ EBE3FF

■ 033199

■ 033199

■ 002F99

■ 123C99

■ 224699

■ 315199

■ 405B99

■ 4F6699

■ 5F7199

■ 6E7B99

■ 7D8699

■ 8D9099

Harmonies

Analogous

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



0046A4



033199



700075

Triad

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



033199



741C00



004E35

Complementary

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



033199



996B03

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.



004C00



033199



4F3900

Square

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



033199



8B0013



194600



004F69

Rectangle

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



033199



870054



194600



004D23

Sweetspot

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



033199



8D9FC7



03996A



414B63



E3E3E3



636363

Same Dimension

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



033199



003DC7



1F0399



45474D



002B8C



00040D

Inverse Universe

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



990331



C7003D



7E9903



4D4547



8C002B



0D0004

Previews

White Background



This preview shows how the Hex color 033199 looks on a white background.

Color Contrast Check

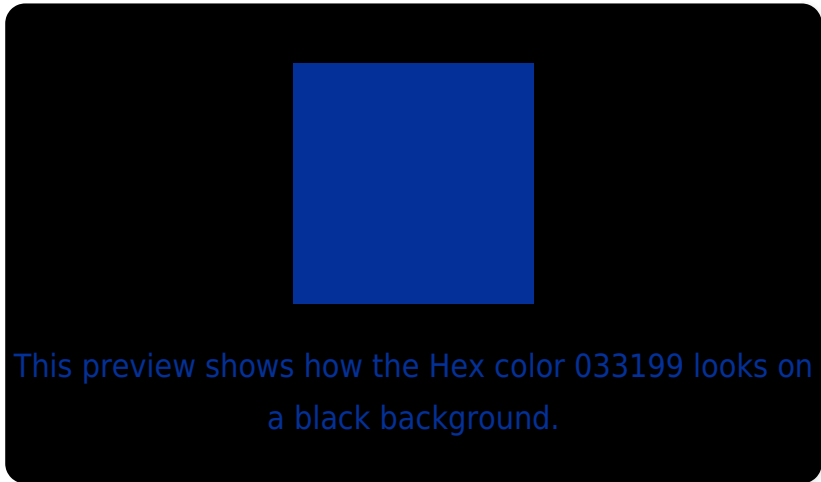
Large Text (above 18pt) WCAG AA ✓ Pass

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

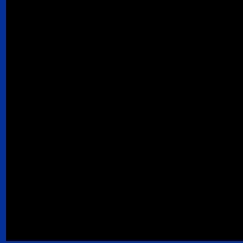
Any Text WCAG AA × Fail

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 033199 Background



This preview shows how black text looks on a background with the Hex color 033199.

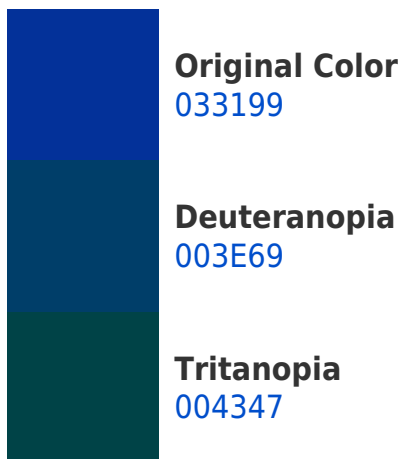


This preview shows how white text looks on a background with the Hex color 033199.

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
033199

Deuteranomaly
01397A

Tritanomaly
013C65

Monochromacy



Original Color
033199

Achromatopsia
2F2F2F

Achromatomaly
1F3056

CSS Examples

Text

The CSS property to change the color of the text to Hex 033199 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 #033199 looks like.

```
.text, #text, p{  
    color:#033199  
}
```

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 #033199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033199
}
```

Border

The CSS property to change the border of an element to Hex 033199 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
#033199 }
```

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

```
.border{ border-color:#033199 }
```

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

Here you see how a box with a 4 pixel #033199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033199; -webkit-box-shadow:4px 4px  
4px 4px #033199; box-shadow:4px 4px 4px  
4px #033199 }
```

Background

The CSS property to change the background color of an element to Hex 033199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033199 }
```

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

```
.background{ background-color:#033199 }
```

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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