

Converting Colors

Hex(034599)

Have a look what the booklet for
Hex(034599) contains.

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Color

Hex(034599)

Conversions

Conversions Part 1

Format	Color
Hex	034599
RGB	3, 69, 153
RGB Percent	1%, 27%, 60%
CMY	0.9882, 0.7294, 0.4000
CMYK	0.98, 0.55, 0.00, 0.40
HSL	214°, 96%, 31%
HSV	214°, 98%, 60%
XYZ	7.9154, 6.5755, 30.9890
YIQ	58.8420, -66.3000, 12.1320

Conversions

Conversions Part 2

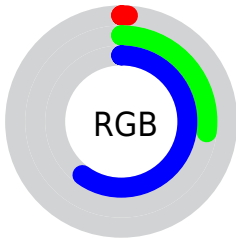
Format	Color
R _Y B	3, 49, 153
Decimal	214425
CIE Lab	30.82, 16.54, -50.83
CIE LCh	31, 53.454, 288.020
Yxy	6.5755, 0.1740, 0.1446
Android (android.graphics.Color)	4278404505 (0xFF034599)
YUV	58.8420, 46.4199, -48.9734
Hunter-Lab	25.6428, 10.2248, -53.7014

Details

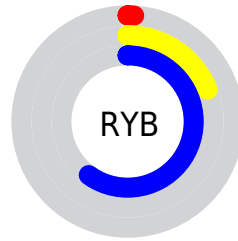
The Hex color **034599** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **995703**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5575D0**, and **001C65** is the 20% darker color. If you saturate the color by 10%, you get **004399**, and if you desaturate by 10%, it is **124E99**.

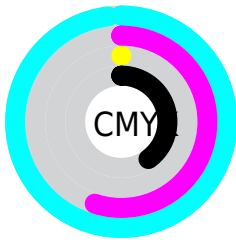
Distribution



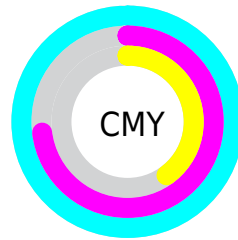
- Red (1%)
- Green (27%)
- Blue (60%)



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



- Cyan (98%)
- Magenta (55%)
- Yellow (0%)
- Black (40%)



- Cyan (99%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034599 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 034599 by changing the saturation by 10% instead.

■ 034599

■ 034599

FFFFFF

■ 002F7F

■ 5575D0

■ 001C65

■ 738EED

■ 00004D

■ 90A8FF

■ 000535

■ ADC3FF

■ 00021F

■ CADFFF

■ 000001

■ E8FCFF

■ 000000

■ 034599

■ 034599

■ 004399

■ 124E99

■ 225699

■ 315F99

■ 406799

■ 4F7099

■ 5F7899

■ 6E8199

■ 7D8A99

■ 8D9299

Harmonies

Analogous

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



00539B



034599



682F81

Triad

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



034599



822C07



005936

Complementary

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



034599



995703

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.



005605



034599



674100

Square

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



034599



901232



424E00



005A61

Rectangle

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



034599



811D69



424E00



005827

Sweetspot

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



034599



8DA7C7



039955



415063



E3E3E3



636363

Same Dimension

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



034599



0058C7



0B0399



45484D



003E8C



00060D

Inverse Universe

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



990345



C70058



929903



4D4548



8C003E



0D0006

Previews

White Background



This preview shows how the Hex color 034599 looks on a white background.

Color Contrast Check

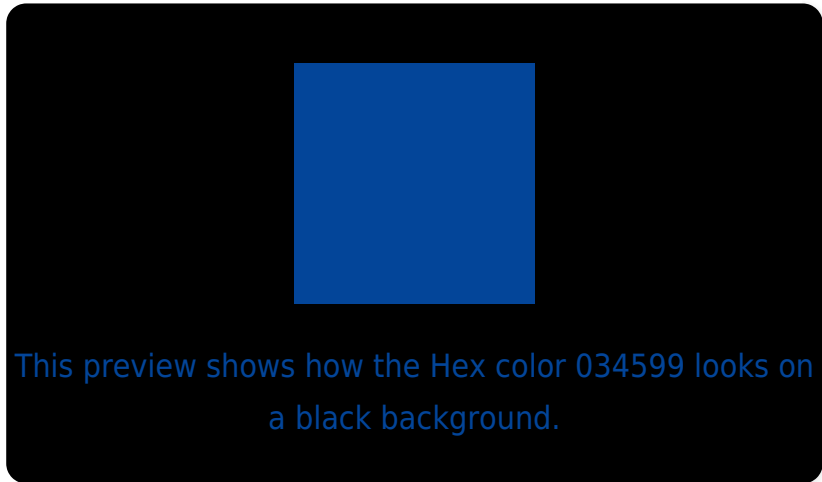
Large Text (above 18pt) WCAG AA ✓ Pass

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

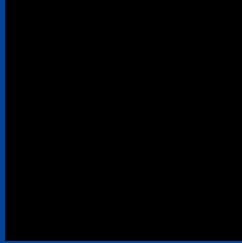
Any Text WCAG AA × Fail

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 034599 Background



This preview shows how black text looks on a background with the Hex color 034599.



This preview shows how white text looks on a background with the Hex color 034599.

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



Original Color

034599

Protanopia

004695

Deuteranopia

004B80

Trichromacy



Original Color
034599

Protanomaly
014696

Deuteranomaly
014989

Tritanomaly
014D6E

Monochromacy



Original Color
034599

Achromatopsia
3B3B3B

Achromatomaly
273F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 034599 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 #034599 looks like.

```
.text, #text, p{  
    color:#034599  
}
```

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 #034599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034599
}
```

Border

The CSS property to change the border of an element to Hex 034599 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
#034599 }
```

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

```
.border{ border-color:#034599 }
```

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

Here you see how a box with a 4 pixel #034599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034599; -webkit-box-shadow:4px 4px  
4px 4px #034599; box-shadow:4px 4px 4px  
4px #034599 }
```

Background

The CSS property to change the background color of an element to Hex 034599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034599 }
```

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

```
.background{ background-color:#034599 }
```

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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