

Converting Colors

Hex(334699)

Have a look what the booklet for
Hex(334699) contains.

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Color

Hex(334699)

Conversions

Conversions Part 1

Format	Color
Hex	334699
RGB	51, 70, 153
RGB Percent	20%, 27%, 60%
CMY	0.8000, 0.7255, 0.4000
CMYK	0.67, 0.54, 0.00, 0.40
HSL	229°, 50%, 40%
HSV	229°, 67%, 60%
XYZ	9.3052, 7.3840, 31.0718
YIQ	73.7810, -37.9670, 21.7850

Conversions

Conversions Part 2

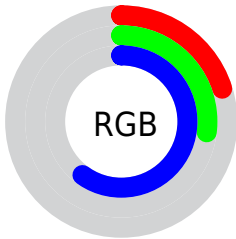
Format	Color
R_{YB}	51, 67, 153
Decimal	3360409
CIE _{Lab}	32.67, 20.68, -47.77
CIE _{LCh}	33, 52.051, 293.408
Yxy	7.3840, 0.1948, 0.1546
Android (android.graphics.Color)	4281550489 (0xFF334699)
YUV	73.7810, 39.0550, -19.9789
Hunter-Lab	27.1736, 13.5708, -48.7741

Details

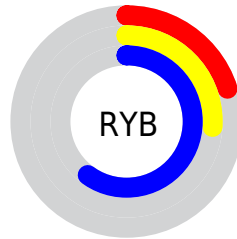
The Hex color **334699** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **998633**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6D76D0**, and **001C65** is the 20% darker color. If you saturate the color by 10%, you get **243A99**, and if you desaturate by 10%, it is **425299**.

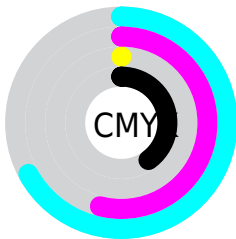
Distribution



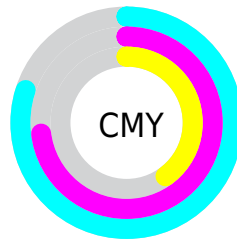
- Red (20%)
- Green (27%)
- Blue (60%)



- Red (20%)
- Yellow (26%)
- Blue (60%)



- Cyan (67%)
- Magenta (54%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334699 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 334699 by changing the saturation by 10% instead.



334699



334699

FFFFFF



0B307F



6D76D0



001C65



8990ED



00034D



A5A AFF



000535



C2C5FF



00021F



D FE1FF



000002



FCFEFF



000000



334699



334699



243A99



425299

■ 142D99

■ 525F99

■ 052199

■ 616B99

■ 001D99

■ 707899

■ 808499

■ 8F9199

■ 9E9D99

■ ADAA99

■ BDB699

Harmonies

Analogous

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



00559F



334699



74307E

Triad

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



334699



833505



005E42

Complementary

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



334699



998633

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.



005B16



334699



664800

Square

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



334699



93202F



3F5400



005F6C

Rectangle

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



334699



8A2165



3F5400



005D34

Sweetspot

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



334699



9FA7C7



339985



4C5063



E3E3E3



636363

Same Dimension

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



334699



2845C7



523399



45464D



001A8C



00020D

Inverse Universe

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



993346



C72845



7A9933



4D4546



8C001A



0D0002

Previews

White Background



This preview shows how the Hex color 334699 looks on a white background.

Color Contrast Check

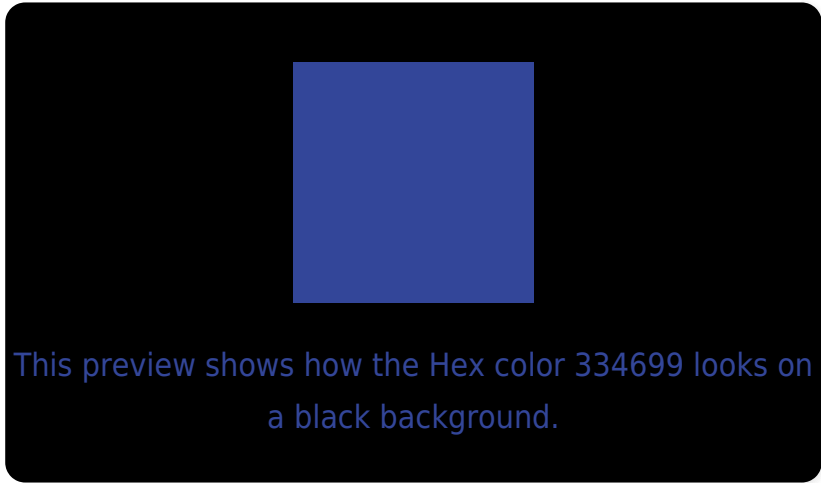
Large Text (above 18pt) WCAG AA ✓ Pass

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

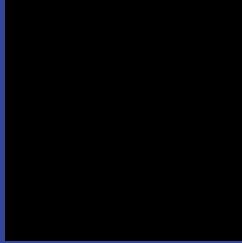
Any Text WCAG AA × Fail

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 334699 Background



This preview shows how black text looks on a background with the Hex color 334699.

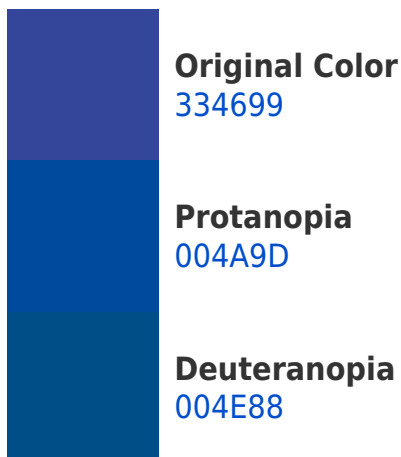


This preview shows how white text looks on a background with the Hex color 334699.

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
00555C

Trichromacy



Original Color
334699

Protanomaly
13499C

Deuteranomaly
134B8E

Tritanomaly
135072

Monochromacy



Original Color
334699

Achromatopsia
4A4A4A

Achromatomaly
424967

CSS Examples

Text

The CSS property to change the color of the text to Hex 334699 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 #334699 looks like.

```
.text, #text, p{  
    color:#334699  
}
```

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 #334699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334699
}
```

Border

The CSS property to change the border of an element to Hex 334699 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
#334699 }
```

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

```
.border{ border-color:#334699 }
```

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

Here you see how a box with a 4 pixel #334699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334699; -webkit-box-shadow:4px 4px  
4px 4px #334699; box-shadow:4px 4px 4px  
4px #334699 }
```

Background

The CSS property to change the background color of an element to Hex 334699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334699 }
```

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

```
.background{ background-color:#334699 }
```

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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