

Converting Colors

Hex(34459E)

Have a look what the booklet for
Hex(34459E) contains.

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Color

Hex(34459E)

Conversions

Conversions Part 1

Format	Color
Hex	34459E
RGB	52, 69, 158
RGB Percent	20%, 27%, 62%
CMY	0.7961, 0.7294, 0.3804
CMYK	0.67, 0.56, 0.00, 0.38
HSL	230°, 50%, 41%
HSV	230°, 67%, 62%
XYZ	9.7159, 7.4549, 33.2746
YIQ	74.0630, -38.7010, 24.0750

Conversions

Conversions Part 2

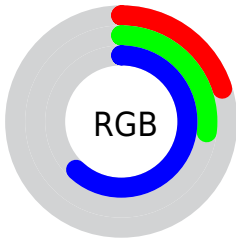
Format	Color
R_{YB}	52, 67, 158
Decimal	3425694
CIE _{Lab}	32.82, 23.35, -50.54
CIE _{LCh}	33, 55.674, 294.798
Yxy	7.4549, 0.1926, 0.1478
Android (android.graphics.Color)	4281615774 (0xFF34459E)
YUV	74.0630, 41.3809, -19.3493
Hunter-Lab	27.3037, 15.7366, -53.1432

Details

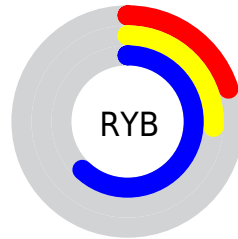
The Hex color **34459E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9E8D34**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6F75D5**, and **001B6A** is the 20% darker color. If you saturate the color by 10%, you get **24389E**, and if you desaturate by 10%, it is **44529E**.

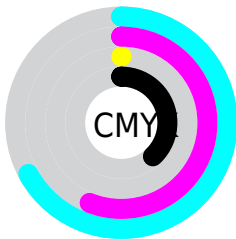
Distribution



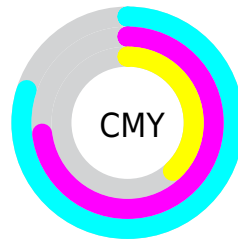
- Red (20%)
- Green (27%)
- Blue (62%)



- Red (20%)
- Yellow (26%)
- Blue (62%)



- Cyan (67%)
- Magenta (56%)
- Yellow (0%)
- Black (38%)



- Cyan (80%)
- Magenta (73%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34459E 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 34459E by changing the saturation by 10% instead.

■ 34459E ■ 34459E

FFFFFF ■ 0B2F83

■ 6F75D5 ■ 001B6A

■ 8B8EF2 ■ 000251

■ A7A9FF ■ 000539

■ C4C4FF ■ 000223

■ E1E0FF ■ 000009

FFFDFF ■ 000000

■ 34459E ■ 34459E

■ 24389E ■ 44529E

■ 142A9E

■ 54609E

■ 051D9E

■ 636D9E

■ 00199E

■ 737A9E

■ 83879E

■ 93959E

■ A3A29E

■ B2AF9E

■ C2BC9E

Harmonies

Analogous

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



0055A6



34459E



792C81

Triad

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



34459E



853500



005F44

Complementary

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



34459E



9E8D34

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.



005C14



34459E



664900

Square

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



34459E



971A2C



3C5500



006071

Rectangle

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



34459E



8F1965



3C5500



005F34

Sweetspot

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



34459E



A5ACCF



349E8C



4F5369



E8E8E8



696969

Same Dimension

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



34459E



2742CF



57349E



47484F



00178F



00020F

Inverse Universe

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



9E3445



CF2742



7B9E34



4F4748



8F0017



0F0002

Previews

White Background



This preview shows how the Hex color 34459E looks on a white background.

Color Contrast Check

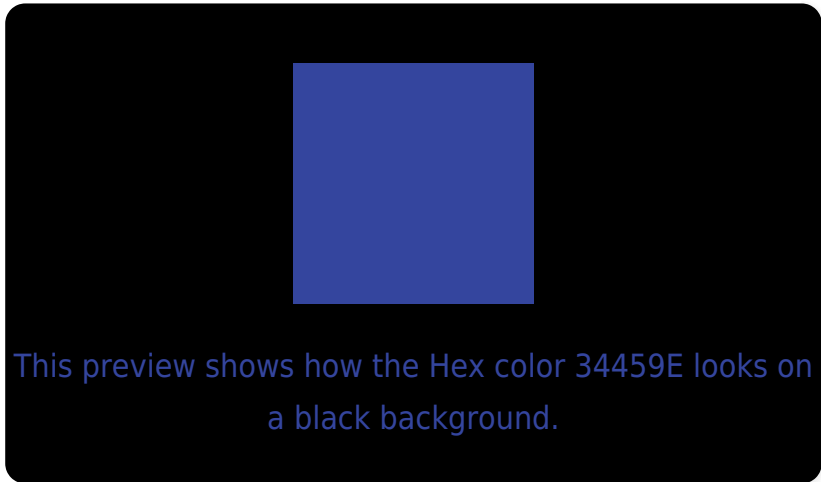
Large Text (above 18pt) WCAG AA ✓ Pass

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

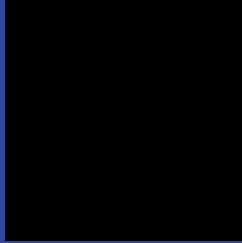
Any Text WCAG AA × Fail

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 34459E Background



This preview shows how black text looks on a background with the Hex color 34459E.



This preview shows how white text looks on a background with the Hex color 34459E.

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
34459E

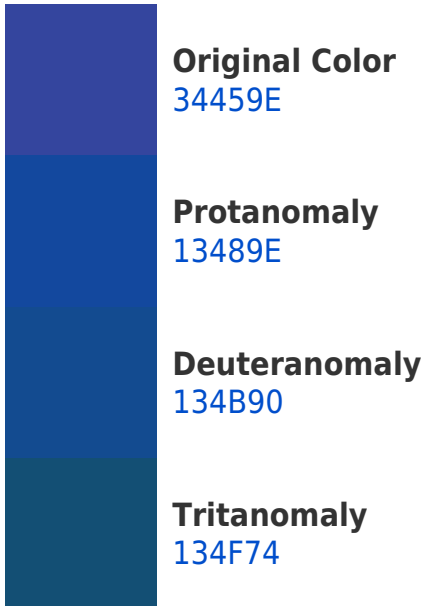
Protanopia
004A9E

Deuteranopia
004F88



Tritanopia
00555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34459E 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 #34459E looks like.

```
.text, #text, p{  
  color:#34459E  
}
```

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 #34459E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34459E
}
```

Border

The CSS property to change the border of an element to Hex 34459E 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
#34459E }
```

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

```
.border{ border-color:#34459E }
```

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

Here you see how a box with a 4 pixel #34459E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34459E; -webkit-box-shadow:4px 4px  
4px 4px #34459E; box-shadow:4px 4px 4px  
4px #34459E }
```

Background

The CSS property to change the background color of an element to Hex 34459E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34459E }
```

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

```
.background{ background-color:#34459E }
```

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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