

Converting Colors

Hex(48359E)

Have a look what the booklet for
Hex(48359E) contains.

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Color

Hex(48359E)

Conversions

Conversions Part 1

Format	Color
Hex	48359E
RGB	72, 53, 158
RGB Percent	28%, 21%, 62%
CMY	0.7176, 0.7922, 0.3804
CMYK	0.54, 0.66, 0.00, 0.38
HSL	251°, 50%, 41%
HSV	251°, 66%, 62%
XYZ	10.1171, 6.3925, 33.0484
YIQ	70.6510, -22.3810, 36.6830

Conversions

Conversions Part 2

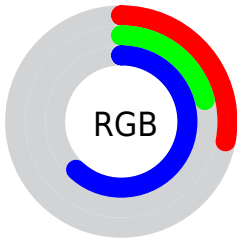
Format	Color
R_{YB}	72, 53, 158
Decimal	4732318
CIE _{Lab}	30.38, 37.04, -54.44
CIE _{LCh}	30, 65.845, 304.230
Yxy	6.3925, 0.2041, 0.1290
Android (android.graphics.Color)	4282922398 (0xFF48359E)
YUV	70.6510, 43.0631, 1.1831
Hunter-Lab	25.2835, 27.1804, -59.8004

Details

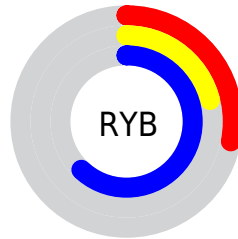
The Hex color **48359E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B9E35**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8065D6**, and **000869** is the 20% darker color. If you saturate the color by 10%, you get **3B259E**, and if you desaturate by 10%, it is **55459E**.

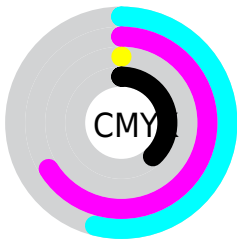
Distribution



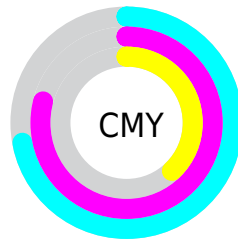
- Red (28%)
- Green (21%)
- Blue (62%)



- Red (28%)
- Yellow (21%)
- Blue (62%)



- Cyan (54%)
- Magenta (66%)
- Yellow (0%)
- Black (38%)



- Cyan (72%)
- Magenta (79%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48359E 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 48359E by changing the saturation by 10% instead.

■ 48359E

■ 48359E

FFFFFF

■ 2A1E83

■ 8065D6

■ 000869

■ 9C7EF2

■ 000051

■ B999FF

■ 000539

■ D6B4FF

■ 000222

■ F3CFFF

■ 000008

■ FFECFF

■ 000000

■ 48359E

■ 48359E

■ 3B259E

■ 55459E

■ 2E159E

■ 62559E

■ 21069E

■ 6F649E

■ 1D009E

■ 7C749E

■ 89849E

■ 96949E

■ A3A49E

■ B0B39E

■ BCC39E

Harmonies

Analogous

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



004DB0



48359E



870075

Triad

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



48359E



7A3200



005B4E

Complementary

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



48359E



8B9E35

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.



005915



48359E



524800

Square

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



48359E



950010



165400



005C81

Rectangle

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



48359E



990054



165400



005B3C

Sweetspot

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



48359E



ADA5CF



358C9E



544F69



E8E8E8



696969

Same Dimension

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



48359E



4729CF



7B359E



49474F



1A008F



03000F

Inverse Universe

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



9E358B



CF29B1



589E35



4F474E



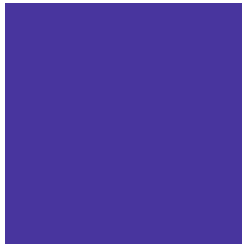
8F0075



0F000D

Previews

White Background



This preview shows how the Hex color 48359E looks on a white background.

Color Contrast Check

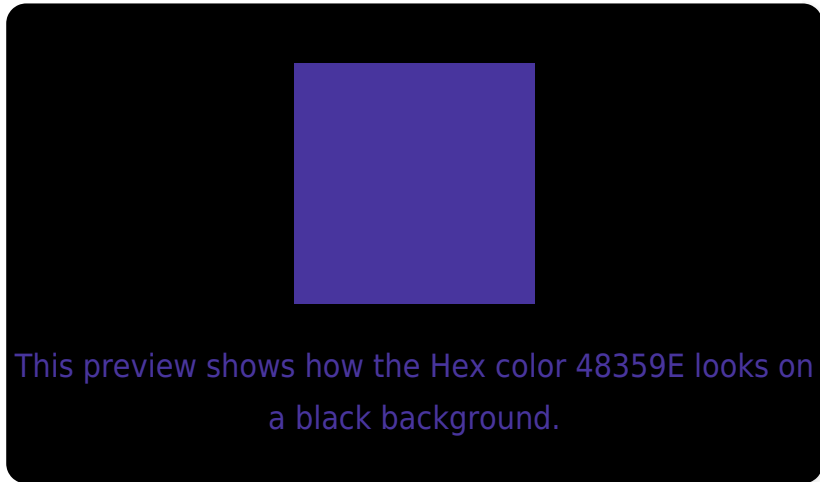
Large Text (above 18pt) WCAG AA ✓ Pass

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

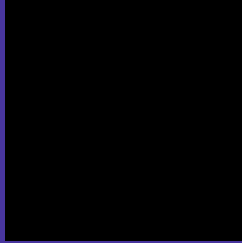
Any Text WCAG AA × Fail

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 48359E Background



This preview shows how black text looks on a background with the Hex color 48359E.



This preview shows how white text looks on a background with the Hex color 48359E.

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
48359E

Protanopia
004592

Deuteranopia
004A7E

Trichromacy



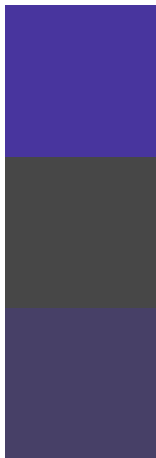
Original Color
48359E

Protanomaly
1A3F96

Deuteranomaly
1A428A

Tritanomaly
37446E

Monochromacy



Original Color
48359E

Achromatopsia
474747

Achromatomaly
474067

CSS Examples

Text

The CSS property to change the color of the text to Hex 48359E 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 #48359E looks like.

```
.text, #text, p{  
    color:#48359E  
}
```

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 #48359E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48359E
}
```

Border

The CSS property to change the border of an element to Hex 48359E 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".

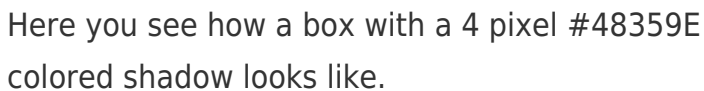
```
.border, #border, table{ border:4px solid
#48359E }
```

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

```
.border{ border-color:#48359E }
```

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

Here you see how a box with a 4 pixel #48359E colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48359E; -webkit-box-shadow:4px 4px  
4px 4px #48359E; box-shadow:4px 4px 4px  
4px #48359E }
```

Background

The CSS property to change the background color of an element to Hex 48359E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48359E }
```

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

```
.background{ background-color:#48359E }
```

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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