

Converting Colors

Hex(39478A)

Have a look what the booklet for
Hex(39478A) contains.

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Color

Hex(39478A)

Conversions

Conversions Part 1

Format	Color
Hex	39478A
RGB	57, 71, 138
RGB Percent	22%, 28%, 54%
CMY	0.7765, 0.7216, 0.4588
CMYK	0.59, 0.49, 0.00, 0.46
HSL	230°, 42%, 38%
HSV	230°, 59%, 54%
XYZ	8.5280, 7.2113, 24.9872
YIQ	74.4520, -29.8510, 17.8690

Conversions

Conversions Part 2

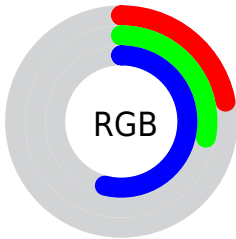
Format	Color
RYB	57, 69, 138
Decimal	3753866
CIELab	32.28, 15.72, -39.20
CIELCh	32, 42.236, 291.857
Yxy	7.2113, 0.2094, 0.1771
Android (android.graphics.Color)	4281943946 (0xFF39478A)
YUV	74.4520, 31.3292, -15.3054
Hunter-Lab	26.8539, 9.6922, -36.3709

Details

The Hex color **39478A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8A7C39**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6F77C0**, and **001C57** is the 20% darker color. If you saturate the color by 10%, you get **2B3C8A**, and if you desaturate by 10%, it is **47528A**.

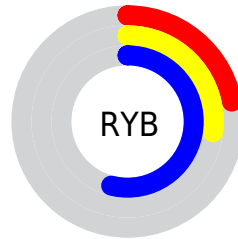
Distribution



 Red (22%)

 Green (28%)

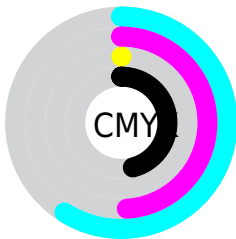
 Blue (54%)




 Red (22%)

 Yellow (27%)

 Blue (54%)

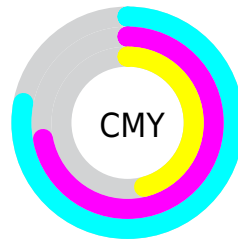


 Cyan (59%)

 Magenta (49%)

 Yellow (0%)

 Black (46%)



 Cyan (78%)

 Magenta (72%)

 Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39478A 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 39478A by changing the saturation by 10% instead.



39478A



39478A

FFFFFF



1B3170



6F77C0



001C57



8A91DC



000240



A6ABF9



000329



C2C6FF



000113



DFE2FF



000000



FCFFFF



39478A



39478A



2B3C8A



47528A

■ 1D308A

■ 555E8A

■ 10258A

■ 62698A

■ 02198A

■ 70758A

■ 00188A

■ 7E808A

■ 8C8B8A

■ 9A978A

■ A7A28A

■ B5AE8A

Harmonies

Analogous

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



00538E



39478A



6B3875

Triad

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



39478A



7B3917



005B41

Complementary

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



39478A



8A7C39

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.



175820



39478A



644700

Square

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



39478A



872C35



455102



005B64

Rectangle

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



39478A



7D2E61



455102



005A36

Sweetspot

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



39478A



9298B3



398A7B



464959



D9D9D9



595959

Same Dimension

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



39478A



364BB3



53398A



3E3F45



001785



000105

Inverse Universe

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



8A3947



B3364B



708A39



453E3F



850017



050001

Previews

White Background



This preview shows how the Hex color 39478A looks on a white background.

Color Contrast Check

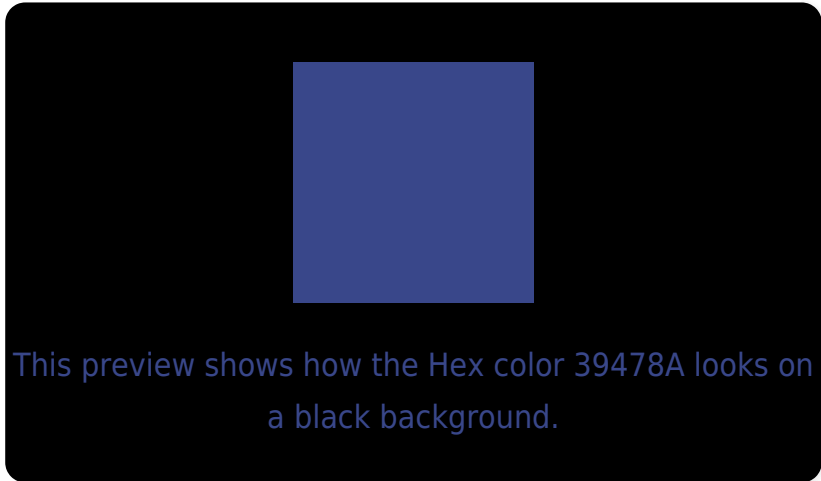
Large Text (above 18pt) WCAG AA ✓ Pass

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

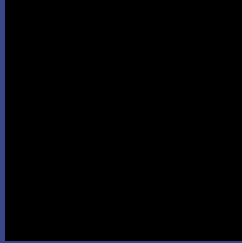
Any Text WCAG AA × Fail

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 39478A Background



This preview shows how black text looks on a background with the Hex color 39478A.

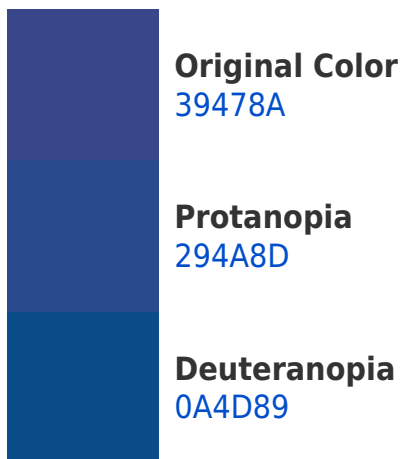


This preview shows how white text looks on a background with the Hex color 39478A.

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](#).

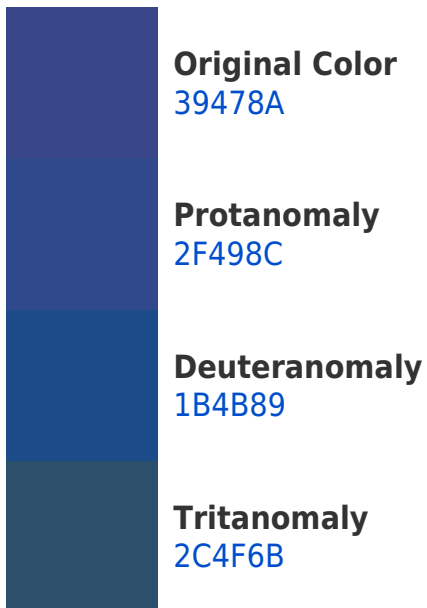
Dichromacy



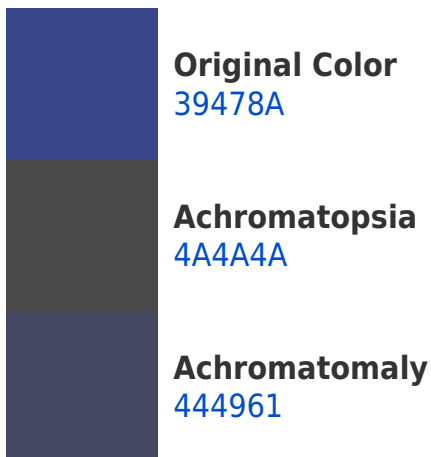


Tritanopia
245359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39478A 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 #39478A looks like.

```
.text, #text, p{  
    color:#39478A  
}
```

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 #39478A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39478A
}
```

Border

The CSS property to change the border of an element to Hex 39478A 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".

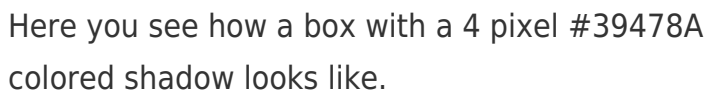
```
.border, #border, table{ border:4px solid
#39478A }
```

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

```
.border{ border-color:#39478A }
```

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

Here you see how a box with a 4 pixel #39478A colored shadow looks like.

A rectangular box with a 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 #39478A; -webkit-box-shadow:4px 4px  
4px 4px #39478A; box-shadow:4px 4px 4px  
4px #39478A }
```

Background

The CSS property to change the background color of an element to Hex 39478A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39478A }
```

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

```
.background{ background-color:#39478A }
```

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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