

Converting Colors

Hex(48398F)

Have a look what the booklet for
Hex(48398F) contains.

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Color

Hex(48398F)

Conversions

Conversions Part 1

Format	Color
Hex	48398F
RGB	72, 57, 143
RGB Percent	28%, 22%, 56%
CMY	0.7176, 0.7765, 0.4392
CMYK	0.50, 0.60, 0.00, 0.44
HSL	250°, 43%, 39%
HSV	250°, 60%, 56%
XYZ	9.0935, 6.2871, 26.7209
YIQ	71.2890, -18.6660, 29.9260

Conversions

Conversions Part 2

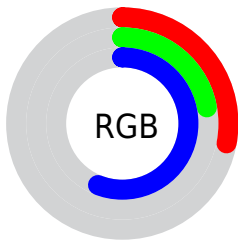
Format	Color
R_{YB}	72, 57, 143
Decimal	4733327
CIE _{Lab}	30.13, 29.87, -45.69
CIE _{LCh}	30, 54.585, 303.172
Yxy	6.2871, 0.2160, 0.1493
Android (android.graphics.Color)	4282923407 (0xFF48398F)
YUV	71.2890, 35.3535, 0.6235
Hunter-Lab	25.0742, 20.8560, -45.6318

Details

The Hex color **48398F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **808F39**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7E69C5**, and **0A0E5C** is the 20% darker color. If you saturate the color by 10%, you get **3C2B8F**, and if you desaturate by 10%, it is **54478F**.

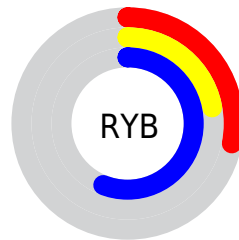
Distribution



Red (28%)

Green (22%)

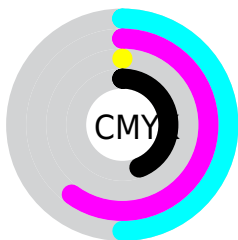
Blue (56%)



Red (28%)

Yellow (22%)

Blue (56%)

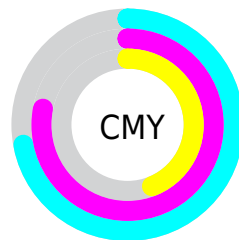


Cyan (50%)

Magenta (60%)

Yellow (0%)

Black (44%)



Cyan (72%)

Magenta (78%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48398F 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 48398F by changing the saturation by 10% instead.

 48398F

 48398F

FFFFFF

 2C2375

 7E69C5

 0A0E5C

 9982E2

 000044

 B59CFF

 00032C

 D2B7FF

 000117

 EFD3FF

 000000

 FFEFFF

 48398F

 48398F

 3C2B8F

 54478F

■ 301C8F

■ 60568F

■ 250E8F

■ 6B648F

■ 19008F

■ 77728F

■ 83818F

■ 8F8F8F

■ 9B9D8F

■ A6AB8F

■ B2BA8F

Harmonies

Analogous

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



004B9D



48398F



7C1D6E

Triad

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



48398F



753500



00594A

Complementary

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



48398F



808F39

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.



00561D



48398F



544700

Square

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



48398F



8A1B1B



275100



005975

Rectangle

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



48398F



8B0753



275100



00583C

Sweetspot

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



48398F



9E99BA



39818F



4D4A5E



DEDEDE



5E5E5E

Same Dimension

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



48398F



4B34BA



72398F



424047



180087



010008

Inverse Universe

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



8F3980



BA34A3



568F39



474046



870070



080006

Previews

White Background



This preview shows how the Hex color 48398F looks on a white background.

Color Contrast Check

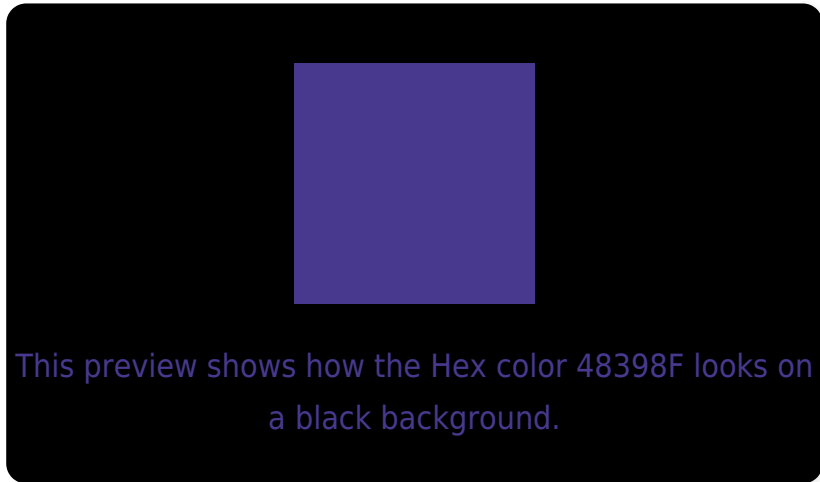
Large Text (above 18pt) WCAG AA ✓ Pass

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

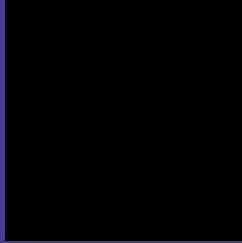
Any Text WCAG AA × Fail

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 48398F Background



This preview shows how black text looks on a background with the Hex color 48398F.

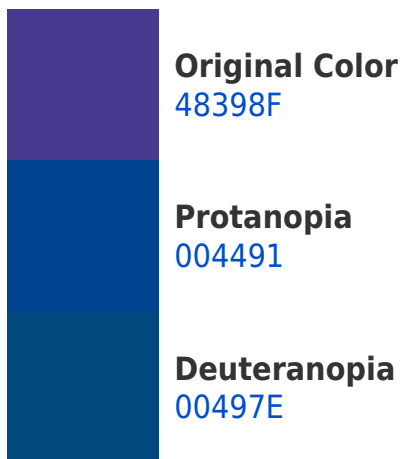


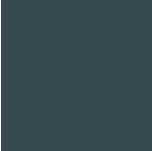
This preview shows how white text looks on a background with the Hex color 48398F.

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
364A50

Trichromacy



Original Color
48398F

Protanomaly
1A4090

Deuteranomaly
1A4384

Tritanomaly
3D4467

Monochromacy



Original Color
48398F

Achromatopsia
474747

Achromatomaly
474261

CSS Examples

Text

The CSS property to change the color of the text to Hex 48398F 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 #48398F looks like.

```
.text, #text, p{  
    color:#48398F  
}
```

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 #48398F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48398F
}
```

Border

The CSS property to change the border of an element to Hex 48398F is called "border". The border property can be set on classes, ids or directly on the HTML element.

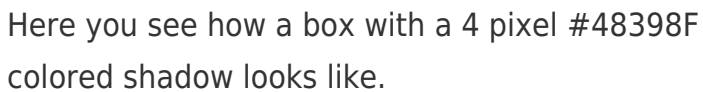
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48398F }
```

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

```
.border{ border-color:#48398F }
```

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



Here you see how a box with a 4 pixel #48398F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48398F; -webkit-box-shadow:4px 4px  
4px 4px #48398F; box-shadow:4px 4px 4px  
4px #48398F }
```

Background

The CSS property to change the background color of an element to Hex 48398F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48398F }
```

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

```
.background{ background-color:#48398F }
```

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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