

Converting Colors

Hex(44398F)

Have a look what the booklet for
Hex(44398F) contains.

Hex(44398F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(44398F)

Conversions

Conversions Part 1

Format	Color
Hex	44398F
RGB	68, 57, 143
RGB Percent	27%, 22%, 56%
CMY	0.7333, 0.7765, 0.4392
CMYK	0.52, 0.60, 0.00, 0.44
HSL	248°, 43%, 39%
HSV	248°, 60%, 56%
XYZ	8.8049, 6.1384, 26.7074
YIQ	70.0930, -21.0500, 29.0780

Conversions

Conversions Part 2

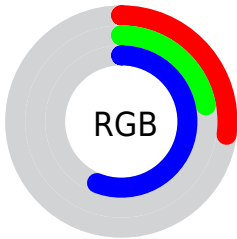
Format	Color
R_{YB}	68, 57, 143
Decimal	4471183
CIE _{Lab}	29.76, 29.00, -46.30
CIE _{LCh}	30, 54.633, 302.062
Y _{xy}	6.1384, 0.2114, 0.1474
Android (android.graphics.Color)	4282661263 (0xFF44398F)
YUV	70.0930, 35.9432, -1.8356
Hunter-Lab	24.7757, 20.0789, -46.5695

Details

The Hex color **44398F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **848F39**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7A69C5**, and **010E5C** is the 20% darker color. If you saturate the color by 10%, you get **382B8F**, and if you desaturate by 10%, it is **50478F**.

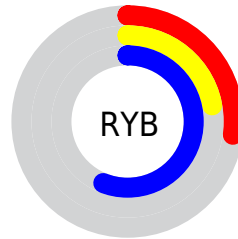
Distribution



Red (27%)

Green (22%)

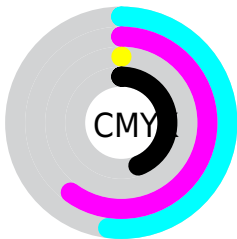
Blue (56%)



Red (27%)

Yellow (22%)

Blue (56%)

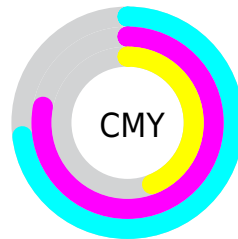


Cyan (52%)

Magenta (60%)

Yellow (0%)

Black (44%)



Cyan (73%)

Magenta (78%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44398F 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 44398F by changing the saturation by 10% instead.

■ 44398F

■ 44398F

FFFFFF

■ 282375

■ 7A69C5

■ 010E5C

■ 9682E2

■ 000044

■ B29CFF

■ 00032C

■ CEB7FF

■ 000117

■ EBD3FF

■ 000000

■ FFEFFF

■ 44398F

■ 44398F

■ 382B8F

■ 50478F

■ 2B1C8F

■ 5D568F

■ 1F0E8F

■ 69648F

■ 12008F

■ 76728F

■ 82818F

■ 8F8F8F

■ 9B9D8F

■ A8AB8F

■ B4BA8F

Harmonies

Analogous

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



004B9C



44398F



791D6F

Triad

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



44398F



753300



005848

Complementary

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



44398F



848F39

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.



00551B



44398F



544500

Square

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



44398F



8A191C



285000



005872

Rectangle

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



44398F



8A0653



285000



005739

Sweetspot

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



44398F



9D99BA



39858F



4C4A5E



DEDEDE



5E5E5E

Same Dimension

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



44398F



4534BA



6E398F



414047



110087



010008

Inverse Universe

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



8F3984



BA34A9



5A8F39



474046



870076



080007

Previews

White Background



This preview shows how the Hex color 44398F looks on a white background.

Color Contrast Check

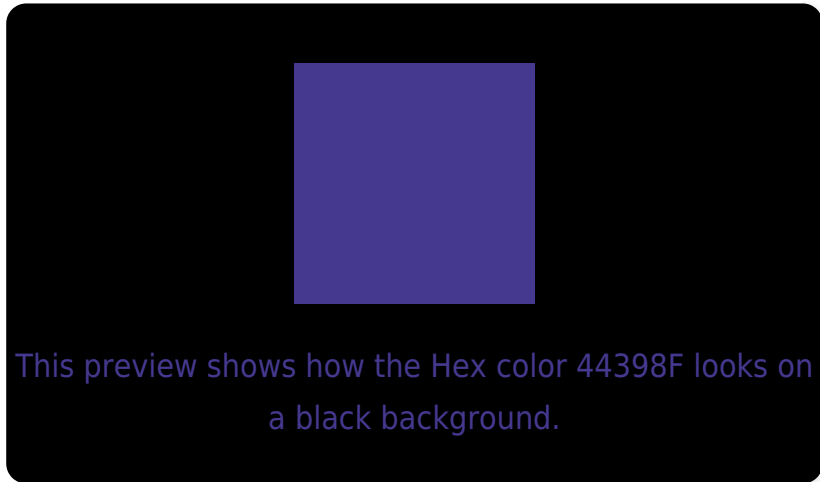
Large Text (above 18pt) WCAG AA ✓ Pass

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

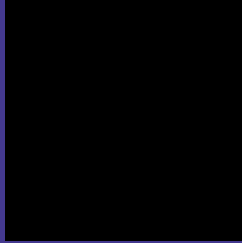
Any Text WCAG AA × Fail

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 44398F Background



This preview shows how black text looks on a background with the Hex color 44398F.

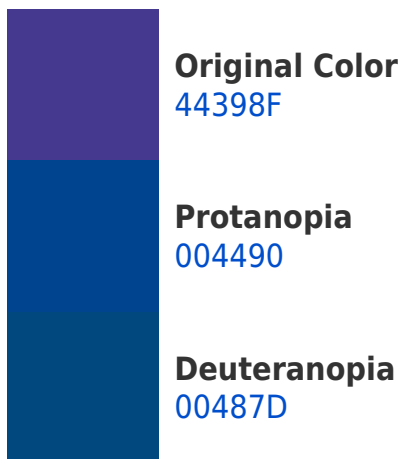


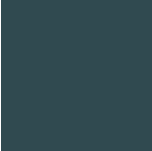
This preview shows how white text looks on a background with the Hex color 44398F.

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](#).

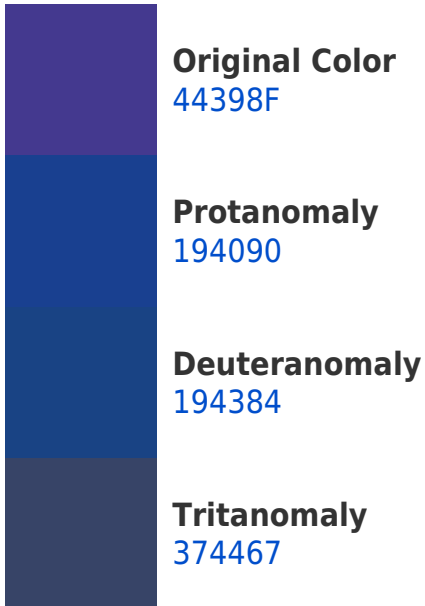
Dichromacy



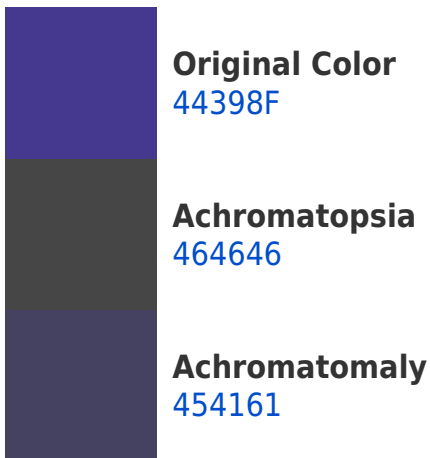


Tritanopia
304A50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44398F 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 #44398F looks like.

```
.text, #text, p{  
    color:#44398F  
}
```

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 #44398F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44398F
}
```

Border

The CSS property to change the border of an element to Hex 44398F is called "border". The border property can be set on classes, ids or directly on the HTML element.

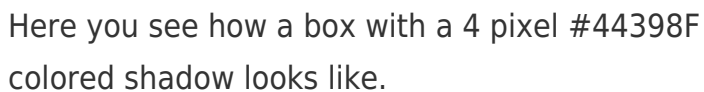
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44398F }
```

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

```
.border{ border-color:#44398F }
```

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



Here you see how a box with a 4 pixel #44398F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44398F; -webkit-box-shadow:4px 4px  
4px 4px #44398F; box-shadow:4px 4px 4px  
4px #44398F }
```

Background

The CSS property to change the background color of an element to Hex 44398F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44398F }
```

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

```
.background{ background-color:#44398F }
```

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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