

Converting Colors

Hex(41398E)

Have a look what the booklet for
Hex(41398E) contains.

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Color

Hex(41398E)

Conversions

Conversions Part 1

Format	Color
Hex	41398E
RGB	65, 57, 142
RGB Percent	25%, 22%, 56%
CMY	0.7451, 0.7765, 0.4431
CMYK	0.54, 0.60, 0.00, 0.44
HSL	246°, 43%, 39%
HSV	246°, 60%, 56%
XYZ	8.5256, 6.0031, 26.3005
YIQ	69.0820, -22.5170, 28.1310

Conversions

Conversions Part 2

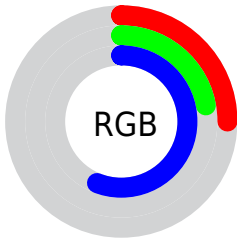
Format	Color
R _{YB}	65, 57, 142
Decimal	4274574
CIE Lab	29.42, 28.04, -46.25
CIE LCh	29, 54.084, 301.233
Yxy	6.0031, 0.2088, 0.1470
Android (android.graphics.Color)	4282464654 (0xFF41398E)
YUV	69.0820, 35.9486, -3.5799
Hunter-Lab	24.5012, 19.2350, -46.4935

Details

The Hex color **41398E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **868E39**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7768C4**, and **000F5B** is the 20% darker color. If you saturate the color by 10%, you get **342B8E**, and if you desaturate by 10%, it is **4E478E**.

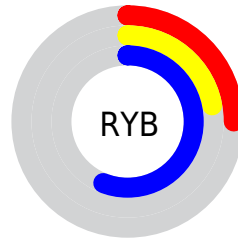
Distribution



Red (25%)

Green (22%)

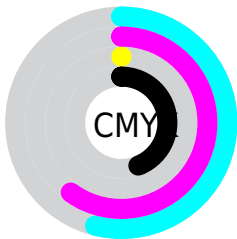
Blue (56%)



Red (25%)

Yellow (22%)

Blue (56%)

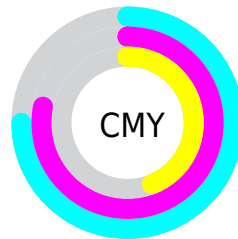


Cyan (54%)

Magenta (60%)

Yellow (0%)

Black (44%)



Cyan (75%)

Magenta (78%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41398E 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 41398E by changing the saturation by 10% instead.

■ 41398E

■ 41398E

FFFFFF

■ 242374

■ 7768C4

■ 000F5B

■ 9382E1

■ 000043

■ AF9CFE

■ 00032C

■ CBB7FF

■ 000116

■ E8D2FF

■ 000000

■ FFEFFF

■ 41398E

■ 41398E

■ 342B8E

■ 4E478E

■ 271D8E

■ 5B558E

■ 1A0E8E

■ 68648E

■ 0E008E

■ 74728E

■ 0D008E

■ 81808E

■ 8E8E8E

■ 9B9C8E

■ A8AB8E

■ B5B98E

Harmonies

Analogous

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



004B9A



41398E



771E6E

Triad

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



41398E



743200



005746

Complementary

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



41398E



868E39

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.



005419



41398E



544400

Square

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



41398E



89181D



294F00



005770

Rectangle

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



41398E



880754



294F00



005637

Sweetspot

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



41398E



9A97B8



39878E



4A485C



DBDBDB



5C5C5C

Same Dimension

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



41398E



4033B8



6B398E



414047



0D0087



010008

Inverse Universe

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



8E3986



B833AB



5C8E39



474047



87007A



080007

Previews

White Background



This preview shows how the Hex color 41398E looks on a white background.

Color Contrast Check

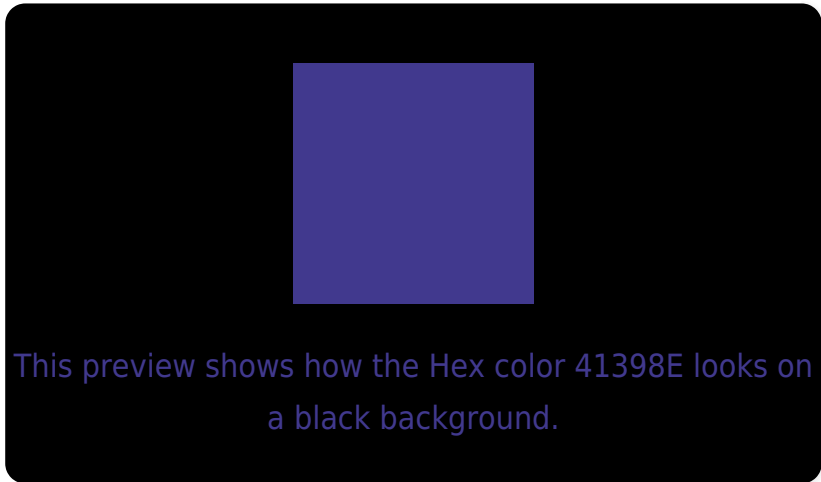
Large Text (above 18pt) WCAG AA ✓ Pass

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

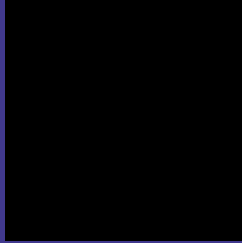
Any Text WCAG AA × Fail

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 41398E Background



This preview shows how black text looks on a background with the Hex color 41398E.



This preview shows how white text looks on a background with the Hex color 41398E.

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
41398E

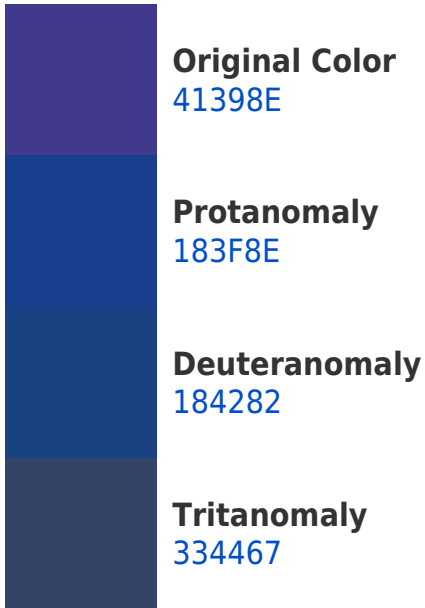
Protanopia
00438E

Deuteranopia
00477B

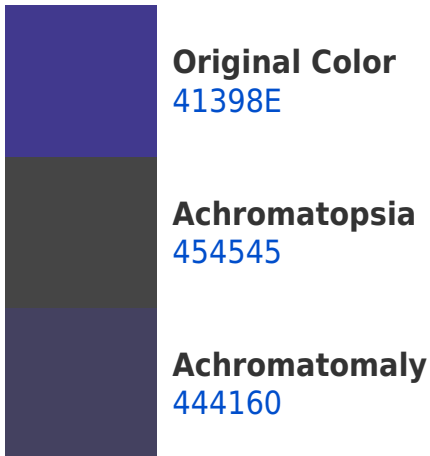


Tritanopia
2B4A50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41398E 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 #41398E looks like.

```
.text, #text, p{  
    color:#41398E  
}
```

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 #41398E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41398E
}
```

Border

The CSS property to change the border of an element to Hex 41398E 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
#41398E }
```

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

```
.border{ border-color:#41398E }
```

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

Here you see how a box with a 4 pixel #41398E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41398E; -webkit-box-shadow:4px 4px  
4px 4px #41398E; box-shadow:4px 4px 4px  
4px #41398E }
```

Background

The CSS property to change the background color of an element to Hex 41398E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41398E }
```

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

```
.background{ background-color:#41398E }
```

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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