

Converting Colors

Hex(37398F)

Have a look what the booklet for
Hex(37398F) contains.

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Color

Hex(37398F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 37398F |
| RGB | 55, 57, 143 |
| RGB Percent | 22%, 22%, 56% |
| CMY | 0.7843, 0.7765, 0.4392 |
| CMYK | 0.62, 0.60, 0.00, 0.44 |
| HSL | 239°, 44%, 39% |
| HSV | 239°, 62%, 56% |
| XYZ | 7.9966, 5.7217, 26.6695 |
| YIQ | 66.2060, -28.7980, 26.3220 |

Conversions

Conversions Part 2

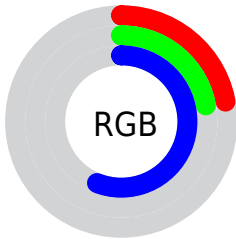
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 55, 57, 143 |
| Decimal | 3619215 |
| CIE _{Lab} | 28.70, 26.42, -48.07 |
| CIE _{LCh} | 29, 54.852, 298.798 |
| Yxy | 5.7217, 0.1980, 0.1417 |
| Android (android.graphics.Color) | 4281809295 (0xFF37398F) |
| YUV | 66.2060, 37.8594, -9.8277 |
| Hunter-Lab | 23.9200, 17.8138, -49.3613 |

Details

The Hex color **37398F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F8D37**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6F68C6**, and **00105C** is the 20% darker color. If you saturate the color by 10%, you get **292B8F**, and if you desaturate by 10%, it is **45478F**.

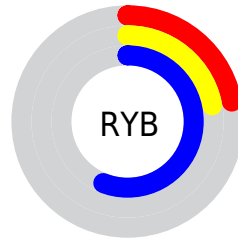
Distribution



Red (22%)

Green (22%)

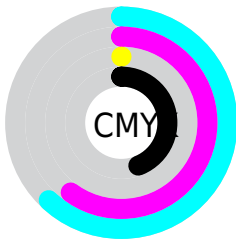
Blue (56%)



Red (22%)

Yellow (22%)

Blue (56%)

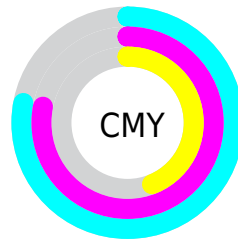


Cyan (62%)

Magenta (60%)

Yellow (0%)

Black (44%)



Cyan (78%)

Magenta (78%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37398F 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 37398F by changing the saturation by 10% instead.

■ 37398F

■ 37398F

FFFFFF

■ 162375

■ 6F68C6

■ 00105C

■ 8A81E2

■ 000044

■ A79BFF

■ 00032C

■ C3B6FF

■ 000117

■ E0D2FF

■ 000000

■ FEEEEFF

■ 37398F

■ 37398F

■ 292B8F

■ 45478F

■ 1A1D8F

■ 54558F

■ 0C0F8F

■ 62638F

■ 00038F

■ 70718F

■ 7F7F8F

■ 8D8D8F

■ 9B9B8F

■ A9A98F

■ B8B78F

Harmonies

Analogous

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



004A9A



37398F



731E70

Triad

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



37398F



752E00



005541

Complementary

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



37398F



8F8D37

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.



005212



37398F



554200

Square

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



37398F



88101E



2C4D00



00556C

Rectangle

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



37398F



850355



2C4D00



005432

Sweetspot

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



37398F



9999BA



378F8C



4A4A5E



DEDEDE



5E5E5E

Same Dimension

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



37398F



3034BA



60378F



404047



000387



000008

Inverse Universe

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



8F3739



BA3034



668F37



474040



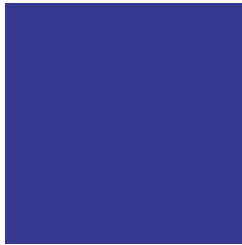
870003



080000

Previews

White Background



This preview shows how the Hex color 37398F looks on a white background.

Color Contrast Check

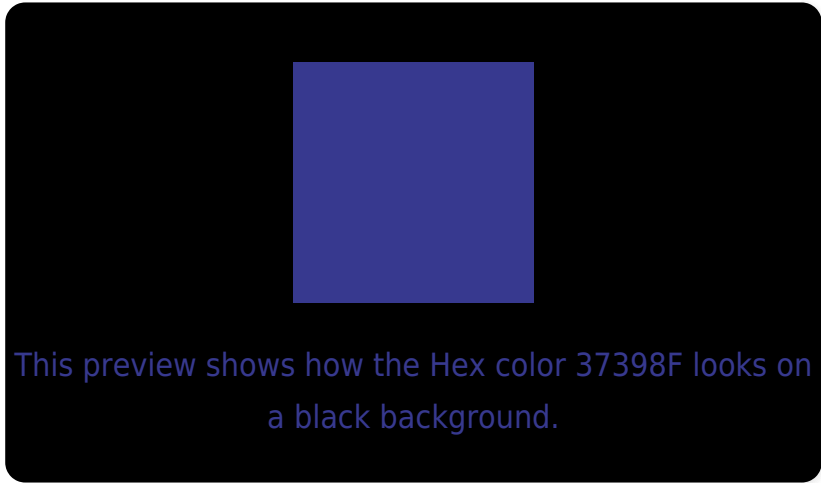
Large Text (above 18pt) WCAG AA ✓ Pass

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

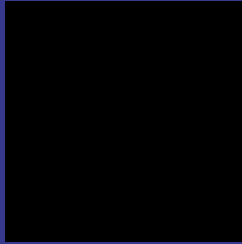
Any Text WCAG AA × Fail

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 37398F Background



This preview shows how black text looks on a background with the Hex color 37398F.

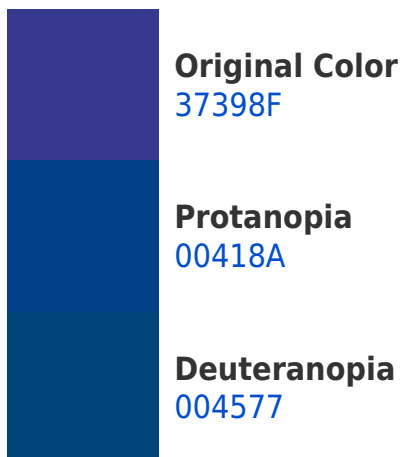


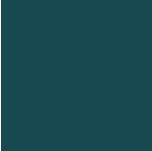
This preview shows how white text looks on a background with the Hex color 37398F.

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
174A50

Trichromacy



Original Color
37398F

Protanomaly
143E8C

Deuteranomaly
144180

Tritanomaly
234467

Monochromacy



Original Color
37398F

Achromatopsia
424242

Achromatomaly
3E3F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 37398F 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 #37398F looks like.

```
.text, #text, p{  
    color:#37398F  
}
```

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 #37398F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37398F
}
```

Border

The CSS property to change the border of an element to Hex 37398F 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
#37398F }
```

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

```
.border{ border-color:#37398F }
```

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

Here you see how a box with a 4 pixel #37398F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37398F; -webkit-box-shadow:4px 4px  
4px 4px #37398F; box-shadow:4px 4px 4px  
4px #37398F }
```

Background

The CSS property to change the background color of an element to Hex 37398F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37398F }
```

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

```
.background{ background-color:#37398F }
```

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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