

Converting Colors

Hex(38387A)

Have a look what the booklet for
Hex(38387A) contains.

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Color

Hex(38387A)

Conversions

Conversions Part 1

Format	Color
Hex	38387A
RGB	56, 56, 122
RGB Percent	22%, 22%, 48%
CMY	0.7804, 0.7804, 0.5216
CMYK	0.54, 0.54, 0.00, 0.52
HSL	240°, 37%, 35%
HSV	240°, 54%, 48%
XYZ	6.5579, 5.0742, 19.0461
YIQ	63.5240, -21.1860, 20.5260

Conversions

Conversions Part 2

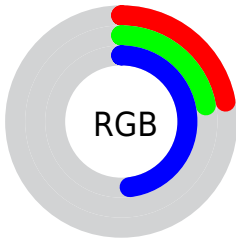
Format	Color
RYB	56, 56, 122
Decimal	3684474
CIELab	26.95, 19.97, -37.81
CIELCh	27, 42.757, 297.838
Yxy	5.0742, 0.2138, 0.1654
Android (android.graphics.Color)	4281874554 (0xFF38387A)
YUV	63.5240, 28.8287, -6.5985
Hunter-Lab	22.5261, 12.5452, -34.3623

Details

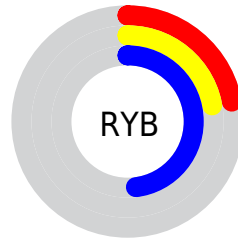
The Hex color **38387A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7A7A38**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6C67AF**, and **000F49** is the 20% darker color. If you saturate the color by 10%, you get **2C2C7A**, and if you desaturate by 10%, it is **44447A**.

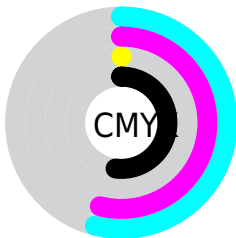
Distribution



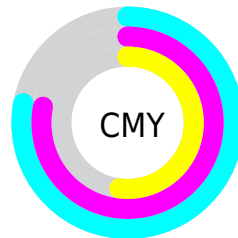
- Red (22%)
- Green (22%)
- Blue (48%)



- Red (22%)
- Yellow (22%)
- Blue (48%)



- Cyan (54%)
- Magenta (54%)
- Yellow (0%)
- Black (52%)



- Cyan (78%)
- Magenta (78%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38387A 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 38387A by changing the saturation by 10% instead.

■ 38387A

■ 38387A

FFFFFF

■ 1D2361

■ 6C67AF

■ 000F49

■ 8780CB

■ 000032

■ A29AE7

■ 00011C

■ BEB5FF

■ 000000

■ DBD0FF

■ F8EDFF

■ 38387A

■ 38387A

■ 2C2C7A

■ 44447A

■ 20207A

■ 50507A

■ 13137A

■ 5D5D7A

■ 07077A

■ 69697A

■ 00007A

■ 75757A

■ 81817A

■ 8D8D7A

■ 9A9A7A

■ A6A67A

Harmonies

Analogous

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



004581



38387A



642763

Triad

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



38387A



683003



004E3C

Complementary

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



38387A



7A7A38

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.



004C1A



38387A



503D00

Square

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



38387A



772023



304700



004E5D

Rectangle

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



38387A



731D4E



304700



004D31

Sweetspot

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



38387A



85859E



387A7A



40404F



CFCFCF



4F4F4F

Same Dimension

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



38387A



37379E



59387A



37373D



00007D



0000FC

Inverse Universe

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



7A387A



9E379E



597A38



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 38387A looks on a white background.

Color Contrast Check

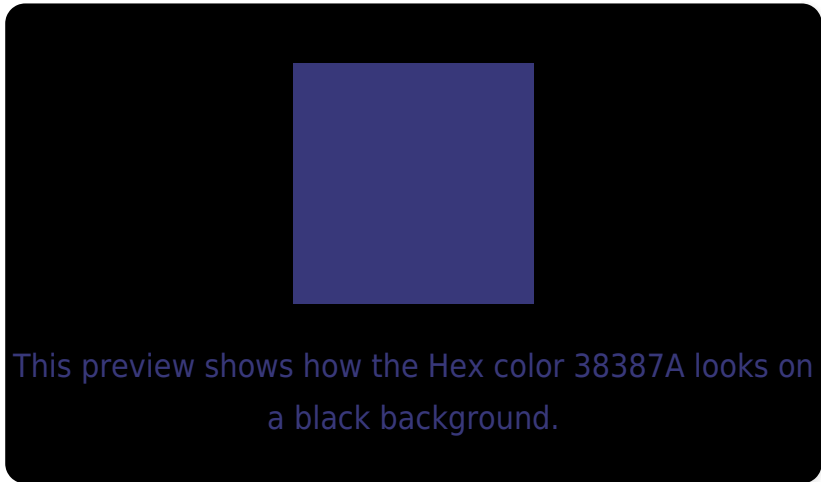
Large Text (above 18pt) WCAG AA ✓ Pass

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

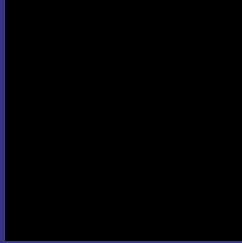
Any Text WCAG AA × Fail

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 38387A Background



This preview shows how black text looks on a background with the Hex color 38387A.



This preview shows how white text looks on a background with the Hex color 38387A.

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
27444A

Trichromacy



Original Color
38387A

Protanomaly
203B7E

Deuteranomaly
143E75

Tritanomaly
2D405B

Monochromacy



Original Color
38387A

Achromatopsia
404040

Achromatomaly
3D3D55

CSS Examples

Text

The CSS property to change the color of the text to Hex 38387A 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 #38387A looks like.

```
.text, #text, p{  
    color:#38387A  
}
```

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 #38387A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38387A
}
```

Border

The CSS property to change the border of an element to Hex 38387A 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
#38387A }
```

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

```
.border{ border-color:#38387A }
```

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

Here you see how a box with a 4 pixel #38387A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38387A; -webkit-box-shadow:4px 4px  
4px 4px #38387A; box-shadow:4px 4px 4px  
4px #38387A }
```

Background

The CSS property to change the background color of an element to Hex 38387A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38387A }
```

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

```
.background{ background-color:#38387A }
```

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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