

Converting Colors

Hex(3F378A)

Have a look what the booklet for
Hex(3F378A) contains.

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Color

Hex(3F378A)

Conversions

Conversions Part 1

Format	Color
Hex	3F378A
RGB	63, 55, 138
RGB Percent	25%, 22%, 54%
CMY	0.7529, 0.7843, 0.4588
CMYK	0.54, 0.60, 0.00, 0.46
HSL	246°, 43%, 38%
HSV	246°, 60%, 54%
XYZ	8.0035, 5.6241, 24.7085
YIQ	66.8540, -21.8750, 27.5090

Conversions

Conversions Part 2

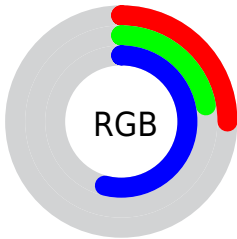
Format	Color
R_{YB}	63, 55, 138
Decimal	4142986
CIE _{Lab}	28.44, 27.59, -45.36
CIE _{LCh}	28, 53.093, 301.306
Y _{xy}	5.6241, 0.2088, 0.1467
Android (android.graphics.Color)	4282333066 (0xFF3F378A)
Y _{UV}	66.8540, 35.0750, -3.3800
Hunter-Lab	23.7152, 18.7395, -45.1726

Details

The Hex color **3F378A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **828A37**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7566C0**, and **000D57** is the 20% darker color. If you saturate the color by 10%, you get **33298A**, and if you desaturate by 10%, it is **4B458A**.

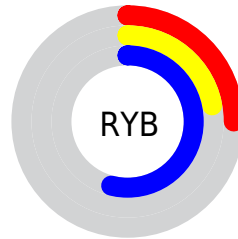
Distribution



 Red (25%)

 Green (22%)

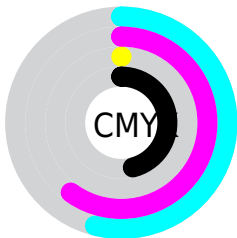
 Blue (54%)




 Red (25%)

 Yellow (22%)

 Blue (54%)

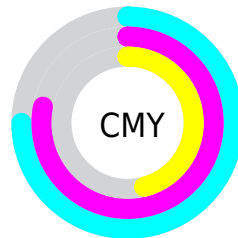


 Cyan (54%)

 Magenta (60%)

 Yellow (0%)

 Black (46%)



 Cyan (75%)

 Magenta (78%)

 Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F378A 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 3F378A by changing the saturation by 10% instead.

■ 3F378A

■ 3F378A

FFFFFF

■ 222170

■ 7566C0

■ 000D57

■ 907FDC

■ 00003F

■ AC99F9

■ 000328

■ C9B4FF

■ 000112

■ E6D0FF

■ 000000

■ FFECFF

■ 3F378A

■ 3F378A

■ 33298A

■ 4B458A

■ 261B8A

■ 58538A

■ 1A0E8A

■ 64608A

■ 0D008A

■ 716E8A

■ 7D7C8A

■ 8A8A8A

■ 96988A

■ A3A58A

■ AFB38A

Harmonies

Analogous

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



004896



3F378A



741D6B

Triad

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



3F378A



713100



005444

Complementary

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



3F378A



828A37

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.



005218



3F378A



524200

Square

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



3F378A



85161B



284C00



00546D

Rectangle

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



3F378A



840651



284C00



005335

Sweetspot

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



3F378A



9592B3



37838A



484659



D9D9D9



595959

Same Dimension

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



3F378A



3E32B3



67378A



3F3E45



0D0085



000005

Inverse Universe

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



8A3782



B332A6



5A8A37



453E44



850078



050005

Previews

White Background



This preview shows how the Hex color 3F378A 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

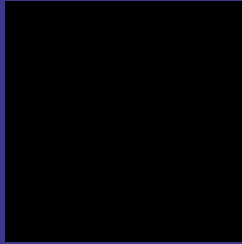
Any Text WCAG AA × Fail

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 3F378A Background



This preview shows how black text looks on a background with the Hex color 3F378A.

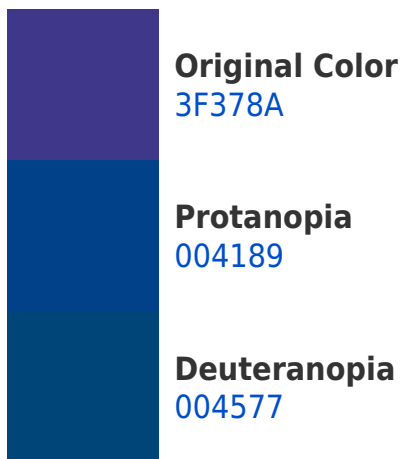


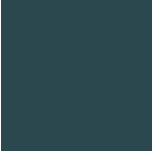
This preview shows how white text looks on a background with the Hex color 3F378A.

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
2A484E

Trichromacy



Original Color
3F378A

Protanomaly
173D89

Deuteranomaly
17407E

Tritanomaly
324264

Monochromacy



Original Color
3F378A

Achromatopsia
434343

Achromatomaly
423F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F378A 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 #3F378A looks like.

```
.text, #text, p{  
    color:#3F378A  
}
```

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 #3F378A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F378A
}
```

Border

The CSS property to change the border of an element to Hex 3F378A 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
#3F378A }
```

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

```
.border{ border-color:#3F378A }
```

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

Here you see how a box with a 4 pixel #3F378A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F378A; -webkit-box-shadow:4px 4px  
4px 4px #3F378A; box-shadow:4px 4px 4px  
4px #3F378A }
```

Background

The CSS property to change the background color of an element to Hex 3F378A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F378A }
```

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

```
.background{ background-color:#3F378A }
```

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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