

Converting Colors

Hex(00378A)

Have a look what the booklet for
Hex(00378A) contains.

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Color

Hex(00378A)

Conversions

Conversions Part 1

Format	Color
Hex	00378A
RGB	0, 55, 138
RGB Percent	0%, 22%, 54%
CMY	1.0000, 0.7843, 0.4588
CMYK	1.00, 0.60, 0.00, 0.46
HSL	216°, 100%, 27%
HSV	216°, 100%, 54%
XYZ	5.9536, 4.5674, 24.6126
YIQ	48.0170, -59.4230, 14.1530

Conversions

Conversions Part 2

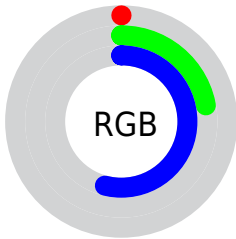
Format	Color
RYB	0, 39, 138
Decimal	14218
CIELab	25.46, 19.84, -50.34
CIELCh	25, 54.111, 291.514
Yxy	4.5674, 0.1695, 0.1300
Android (android.graphics.Color)	4278204298 (0xFF00378A)
YUV	48.0170, 44.3616, -42.1109
Hunter-Lab	21.3714, 12.3266, -53.3220

Details

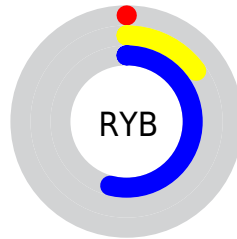
The Hex color **00378A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8A5300**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5065C0**, and **000F57** is the 20% darker color. If you saturate the color by 10%, you get **00378A**, and if you desaturate by 10%, it is **0E3F8A**.

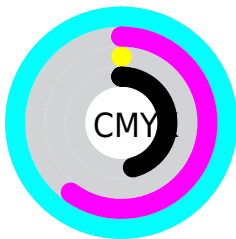
Distribution



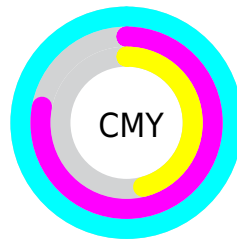
- Red (0%)
- Green (22%)
- Blue (54%)



- Red (0%)
- Yellow (15%)
- Blue (54%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (78%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00378A 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 00378A by changing the saturation by 10% instead.

■ 00378A

■ 00378A

FFFFFF

■ 002270

■ 5065C0

■ 000F57

■ 6D7EDC

■ 00063F

■ 8A98F9

■ 000328

■ A7B2FF

■ 000112

■ C4CEFF

■ 000000

■ E1EAFF

■ 00378A

■ 0E3F8A

■ 1C488A

■ 29508A

■ 37588A

■ 45618A

■ 53698A

■ 61718A

■ 6E798A

■ 7C828A

Harmonies

Analogous

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



00458F



00378A



601E70

Triad

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



00378A



712100



004C2F

Complementary

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



00378A



8A5300

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.



004900



00378A



553700

Square

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



00378A



800021



2F4300



004D5A

Rectangle

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



00378A



760057



2F4300



004C20

Sweetspot

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



00378A



7D92B3



008A53



394659



D9D9D9



595959

Same Dimension

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



00378A



0047B3



0E008A



3E4145



003585



000205

Inverse Universe

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



8A0037



B30047



7C8A00



453E41



850035



050002

Previews

White Background



This preview shows how the Hex color 00378A looks on a white background.

Color Contrast Check

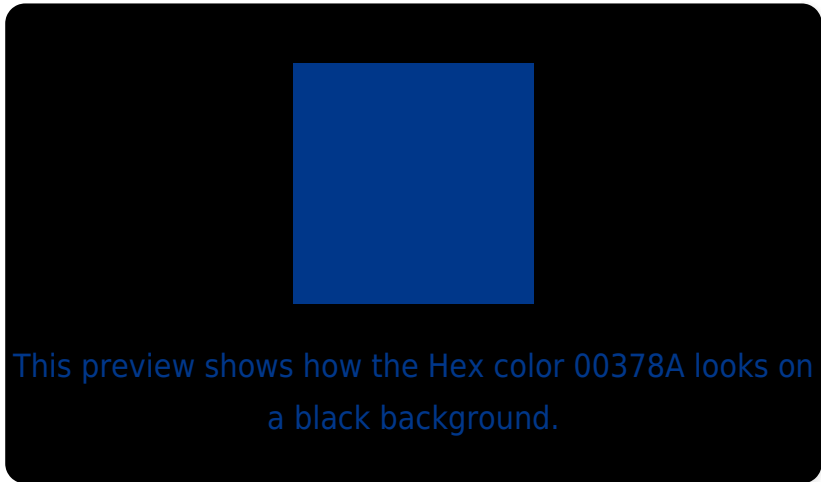
Large Text (above 18pt) WCAG AA ✓ Pass

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

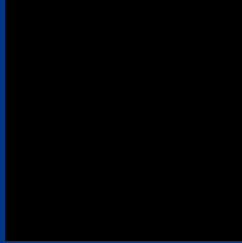
Any Text WCAG AA × Fail

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 00378A Background



This preview shows how black text looks on a background with the Hex color 00378A.



This preview shows how white text looks on a background with the Hex color 00378A.

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
00378A

Protanopia
003B7C

Deuteranopia
003F6B



Tritanopia
004448

Trichromacy



Original Color
00378A

Protanomaly
003A81

Deuteranomaly
003C76

Tritanomaly
003F60

Monochromacy



Original Color
00378A

Achromatopsia
303030

Achromatomaly
1F3351

CSS Examples

Text

The CSS property to change the color of the text to Hex 00378A 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 #00378A looks like.

```
.text, #text, p{  
    color:#00378A  
}
```

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 #00378A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00378A
}
```

Border

The CSS property to change the border of an element to Hex 00378A 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
#00378A }
```

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

```
.border{ border-color:#00378A }
```

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

Here you see how a box with a 4 pixel #00378A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00378A; -webkit-box-shadow:4px 4px  
4px 4px #00378A; box-shadow:4px 4px 4px  
4px #00378A }
```

Background

The CSS property to change the background color of an element to Hex 00378A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00378A }
```

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

```
.background{ background-color:#00378A }
```

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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