

Converting Colors

Hex(00389E)

Have a look what the booklet for
Hex(00389E) contains.

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Color

Hex(00389E)

Conversions

Conversions Part 1

Format	Color
Hex	00389E
RGB	0, 56, 158
RGB Percent	0%, 22%, 62%
CMY	1.0000, 0.7804, 0.3804
CMYK	1.00, 0.65, 0.00, 0.38
HSL	219°, 100%, 31%
HSV	219°, 100%, 62%
XYZ	7.5857, 5.2970, 32.9704
YIQ	50.8840, -66.1180, 19.8500

Conversions

Conversions Part 2

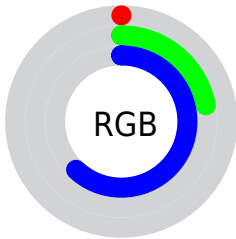
Format	Color
R _Y B	0, 41, 158
Decimal	14494
CIE Lab	27.56, 27.49, -59.19
CIE LCh	28, 65.265, 294.915
Yxy	5.2970, 0.1654, 0.1155
Android (android.graphics.Color)	4278204574 (0xFF00389E)
YUV	50.8840, 52.8082, -44.6253
Hunter-Lab	23.0151, 18.5566, -68.8253

Details

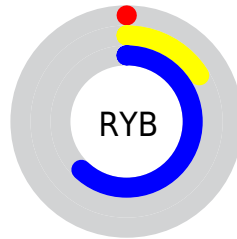
The Hex color **00389E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9E6600**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5766D6**, and **001169** is the 20% darker color. If you saturate the color by 10%, you get **00389E**, and if you desaturate by 10%, it is **10429E**.

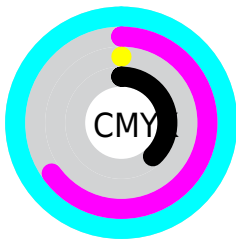
Distribution



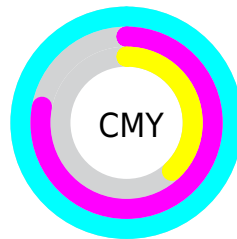
- Red (0%)
- Green (22%)
- Blue (62%)



- Red (0%)
- Yellow (16%)
- Blue (62%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (78%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00389E 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 00389E by changing the saturation by 10% instead.

■ 00389E

■ 00389E

FFFFFF

■ 002383

■ 5766D6

■ 001169

■ 757FF2

■ 000050

■ 9399FF

■ 000538

■ B0B4FF

■ 000222

■ CECFFF

■ 000008

■ ECECFE

■ 000000

■ 00389E

■ 10429E

 204C9E

 2F579E

 3F619E

 4F6B9E

 5F759E

 6F7F9E

 7E8A9E

 8E949E

Harmonies

Analogous

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



004BA7



00389E



720D7C

Triad

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



00389E



7C2100



005437

Complementary

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



00389E



9E6600

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.



005100



00389E



583D00

Square

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



00389E



91001B



274A00



00556A

Rectangle

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



00389E



8A005D



274A00



005325

Sweetspot

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



00389E



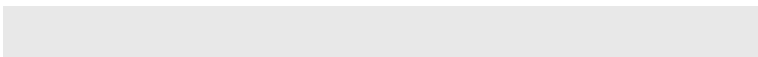
91A7CF



009E64



435069



E8E8E8



696969

Same Dimension

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



00389E



0049CF



15009E



474A4F



00338F



00050F

Inverse Universe

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



9E0038



CF0049



899E00



4F474A



8F0033



0F0005

Previews

White Background



This preview shows how the Hex color 00389E looks on a white background.

Color Contrast Check

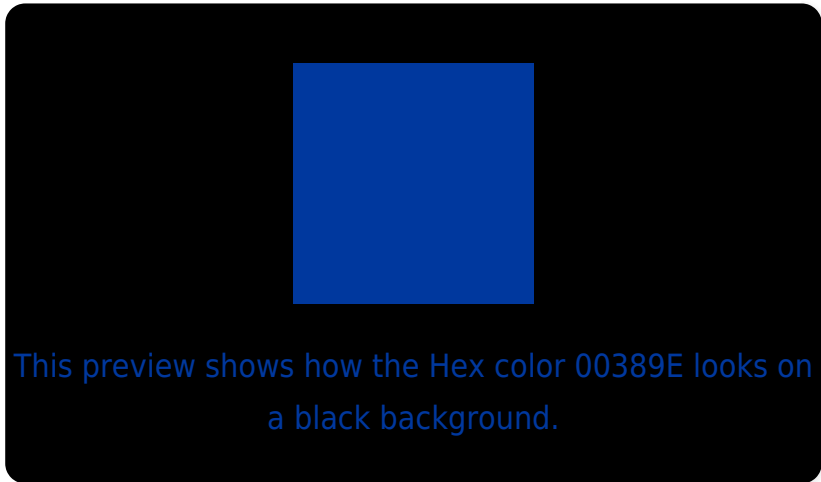
Large Text (above 18pt) WCAG AA ✓ Pass

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

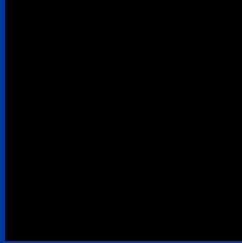
Any Text WCAG AA × Fail

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 00389E Background



This preview shows how black text looks on a background with the Hex color 00389E.



This preview shows how white text looks on a background with the Hex color 00389E.

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
00389E

Protanopia
003F86

Deuteranopia
004372



Tritanopia
00494D

Trichromacy



Original Color
00389E

Protanomaly
003C8F

Deuteranomaly
003F82

Tritanomaly
00436A

Monochromacy



Original Color
00389E

Achromatopsia
333333

Achromatomaly
20355A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00389E 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 #00389E looks like.

```
.text, #text, p{  
    color:#00389E  
}
```

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 #00389E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00389E
}
```

Border

The CSS property to change the border of an element to Hex 00389E is called "border". The border property can be set on classes, ids or directly on the HTML element.

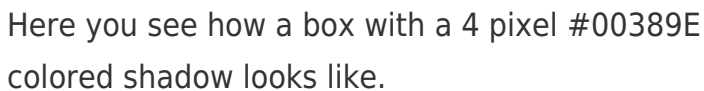
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00389E }
```

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

```
.border{ border-color:#00389E }
```

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



Here you see how a box with a 4 pixel #00389E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00389E; -webkit-box-shadow:4px 4px  
4px 4px #00389E; box-shadow:4px 4px 4px  
4px #00389E }
```

Background

The CSS property to change the background color of an element to Hex 00389E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00389E }
```

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

```
.background{ background-color:#00389E }
```

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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