

Converting Colors

Hex(383890)

Have a look what the booklet for
Hex(383890) contains.

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Color

Hex(383890)

Conversions

Conversions Part 1

Format	Color
Hex	383890
RGB	56, 56, 144
RGB Percent	22%, 22%, 56%
CMY	0.7804, 0.7804, 0.4353
CMYK	0.61, 0.61, 0.00, 0.44
HSL	240°, 44%, 39%
HSV	240°, 61%, 56%
XYZ	8.0791, 5.6827, 27.0566
YIQ	66.0320, -28.2480, 27.3680

Conversions

Conversions Part 2

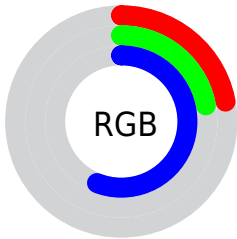
Format	Color
R_{YB}	56, 56, 144
Decimal	3684496
CIE _{Lab}	28.60, 27.61, -48.85
CIE _{LCh}	29, 56.110, 299.479
Yxy	5.6827, 0.1979, 0.1392
Android (android.graphics.Color)	4281874576 (0xFF383890)
YUV	66.0320, 38.4382, -8.7981
Hunter-Lab	23.8384, 18.7782, -50.6072

Details

The Hex color **383890** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **909038**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7067C7**, and **000F5D** is the 20% darker color. If you saturate the color by 10%, you get **2A2A90**, and if you desaturate by 10%, it is **464690**.

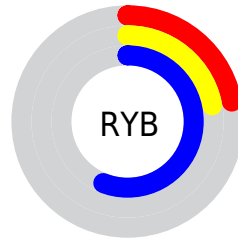
Distribution



Red (22%)

Green (22%)

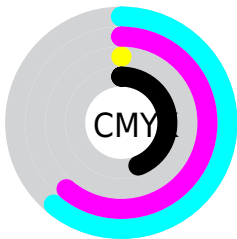
Blue (56%)



Red (22%)

Yellow (22%)

Blue (56%)

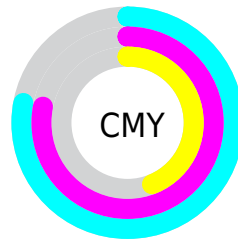


Cyan (61%)

Magenta (61%)

Yellow (0%)

Black (44%)



Cyan (78%)

Magenta (78%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383890 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 383890 by changing the saturation by 10% instead.

■ 383890

■ 383890

FFFFFF

■ 172276

■ 7067C7

■ 000F5D

■ 8C80E3

■ 000044

■ A89AFF

■ 00032D

■ C4B5FF

■ 000117

■ E1D1FF

■ 000000

■ FFEDFF

■ 383890

■ 383890

■ 2A2A90

■ 464690

■ 1B1B90

■ 555590

■ 0D0D90

■ 636390

■ 000090

■ 727290

■ 808090

■ 8E8E90

■ 9D9D90

■ ABAB90

■ BABA90

Harmonies

Analogous

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



004A9B



383890



741A70

Triad

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



383890



752E00



005541

Complementary

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



383890



909038

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



383890



544200

Square

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



383890



890D1C



294D00



00556D

Rectangle

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



383890



870055



294D00



005432

Sweetspot

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



383890



9999BA



389090



4A4A5E



DEDEDE



5E5E5E

Same Dimension

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



383890



3232BA



643890



404047



000087



000008

Inverse Universe

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



903890



BA32BA



649038



474047



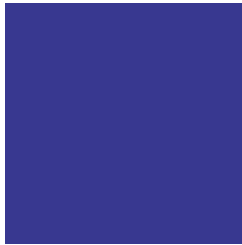
870087



080008

Previews

White Background



This preview shows how the Hex color 383890 looks on a white background.

Color Contrast Check

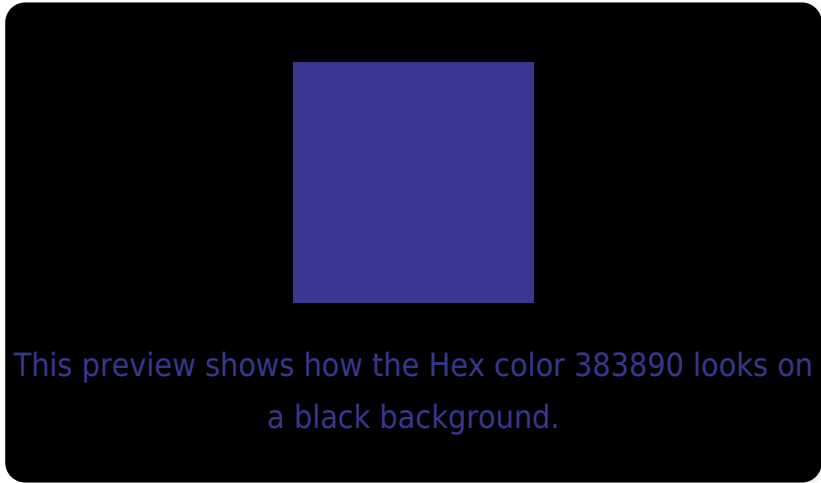
Large Text (above 18pt) WCAG AA ✓ Pass

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

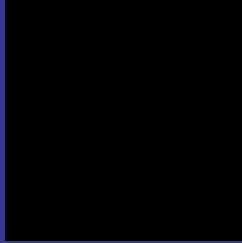
Any Text WCAG AA × Fail

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 383890 Background



This preview shows how black text looks on a background with the Hex color 383890.



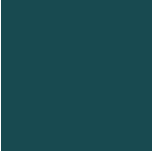
This preview shows how white text looks on a background with the Hex color 383890.

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
184A50

Trichromacy



Original Color
383890

Protanomaly
143E8C

Deuteranomaly
144080

Tritanomaly
244367

Monochromacy



Original Color
383890

Achromatopsia
424242

Achromatomaly
3E3E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 383890 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 #383890 looks like.

```
.text, #text, p{  
    color:#383890  
}
```

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 #383890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383890
}
```

Border

The CSS property to change the border of an element to Hex 383890 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
#383890 }
```

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

```
.border{ border-color:#383890 }
```

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

Here you see how a box with a 4 pixel #383890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383890; -webkit-box-shadow:4px 4px  
4px 4px #383890; box-shadow:4px 4px 4px  
4px #383890 }
```

Background

The CSS property to change the background color of an element to Hex 383890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383890 }
```

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

```
.background{ background-color:#383890 }
```

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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