

Converting Colors

Hex(384989)

Have a look what the booklet for
Hex(384989) contains.

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Color

Hex(384989)

Conversions

Conversions Part 1

Format	Color
Hex	384989
RGB	56, 73, 137
RGB Percent	22%, 29%, 54%
CMY	0.7804, 0.7137, 0.4627
CMYK	0.59, 0.47, 0.00, 0.46
HSL	227°, 42%, 38%
HSV	227°, 59%, 54%
XYZ	8.5288, 7.4120, 24.6481
YIQ	75.2130, -30.6760, 16.3000

Conversions

Conversions Part 2

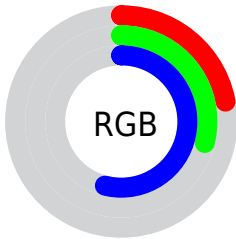
Format	Color
RYB	56, 70, 137
Decimal	3688841
CIELab	32.73, 13.82, -37.88
CIElCh	33, 40.320, 290.041
Yxy	7.4120, 0.2101, 0.1826
Android (android.graphics.Color)	4281878921 (0xFF384989)
YUV	75.2130, 30.4610, -16.8498
Hunter-Lab	27.2250, 8.2752, -34.6206

Details

The Hex color **384989** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **897838**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6E79BF**, and **001E56** is the 20% darker color. If you saturate the color by 10%, you get **2A3E89**, and if you desaturate by 10%, it is **465489**.

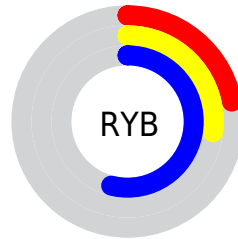
Distribution



Red (22%)

Green (29%)

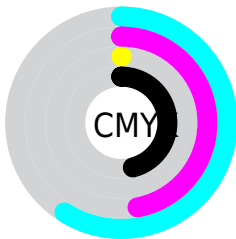
Blue (54%)



Red (22%)

Yellow (27%)

Blue (54%)

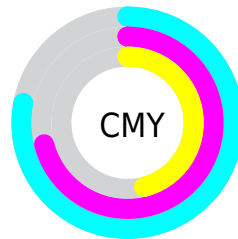


Cyan (59%)

Magenta (47%)

Yellow (0%)

Black (46%)



Cyan (78%)

Magenta (71%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 384989 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 384989 by changing the saturation by 10% instead.



384989



384989

FFFFFF



1A336F



6E79BF



001E56



8993DB



00053F



A4ADF8



000328



C1C9FF



000112



DDE5FF



000000



FBFFFF



384989



384989



2A3E89



465489

■ 1D3389

■ 535F89

■ 0F2989

■ 616989

■ 011E89

■ 6F7489

■ 001D89

■ 7D7F89

■ 8A8A89

■ 989589

■ A6A089

■ B3AA89

Harmonies

Analogous

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



00548C



384989



693B76

Triad

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



384989



7B3B1D



005B41

Complementary

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



384989



897838

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.



205821



384989



664806

Square

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



384989



862F39



485207



005C62

Rectangle

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



384989



7B3263



485207



005A36

Sweetspot

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



384989



9299B3



388977



464A59



D9D9D9



595959

Same Dimension

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



384989



344EB3



4F3889



3E3F45



001C85



000105

Inverse Universe

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



893849



B3344E



728938



453E3F



85001C



050001

Previews

White Background



This preview shows how the Hex color 384989 looks on a white background.

Color Contrast Check

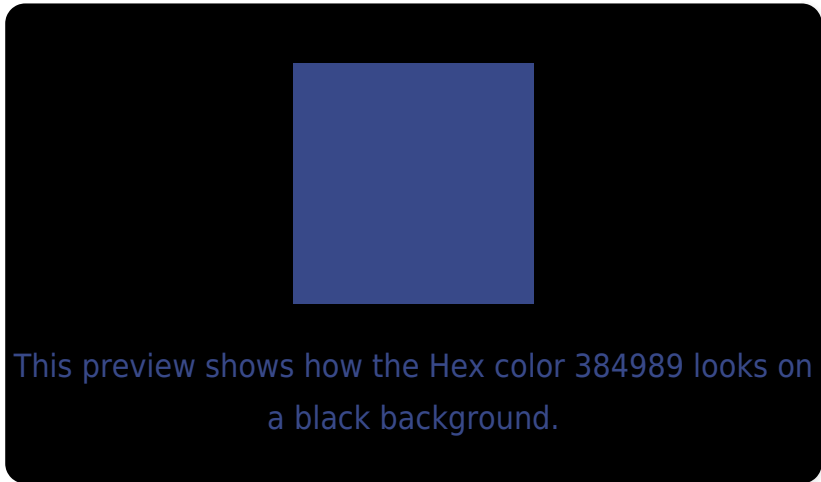
Large Text (above 18pt) WCAG AA ✓ Pass

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

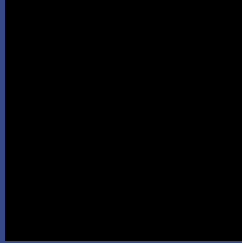
Any Text WCAG AA × Fail

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 384989 Background



This preview shows how black text looks on a background with the Hex color 384989.



This preview shows how white text looks on a background with the Hex color 384989.

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](#).

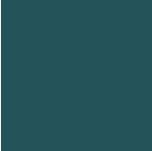
Dichromacy



Original Color
384989

Protanopia
2E4B8B

Deuteranopia
184E88



Tritanopia
24545A

Trichromacy



Original Color
384989

Protanomaly
324A8A

Deuteranomaly
244C88

Tritanomaly
2B506B

Monochromacy



Original Color
384989

Achromatopsia
4B4B4B

Achromatomaly
444A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 384989 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 #384989 looks like.

```
.text, #text, p{  
    color:#384989  
}
```

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 #384989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #384989
}
```

Border

The CSS property to change the border of an element to Hex 384989 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
#384989 }
```

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

```
.border{ border-color:#384989 }
```

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

Here you see how a box with a 4 pixel #384989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #384989; -webkit-box-shadow:4px 4px  
4px 4px #384989; box-shadow:4px 4px 4px  
4px #384989 }
```

Background

The CSS property to change the background color of an element to Hex 384989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#384989 }
```

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

```
.background{ background-color:#384989 }
```

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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