

Converting Colors

Hex(38588A)

Have a look what the booklet for
Hex(38588A) contains.

Hex(38588A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(38588A)

Conversions

Conversions Part 1

Format	Color
Hex	38588A
RGB	56, 88, 138
RGB Percent	22%, 35%, 54%
CMY	0.7804, 0.6549, 0.4588
CMYK	0.59, 0.36, 0.00, 0.46
HSL	217°, 42%, 38%
HSV	217°, 59%, 54%
XYZ	9.7081, 9.6552, 25.3967
YIQ	84.1320, -35.1220, 8.7660

Conversions

Conversions Part 2

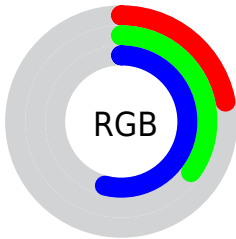
Format	Color
R_{YB}	56, 79, 138
Decimal	3692682
CIE _{Lab}	37.22, 4.34, -31.36
CIE _{LCh}	37, 31.660, 277.883
Yxy	9.6552, 0.2169, 0.2157
Android (android.graphics.Color)	4281882762 (0xFF38588A)
YUV	84.1320, 26.5569, -24.6718
Hunter-Lab	31.0728, 1.3913, -26.7086

Details

The Hex color **38588A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A6A38**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6E8AC0**, and **002B58** is the 20% darker color. If you saturate the color by 10%, you get **2A508A**, and if you desaturate by 10%, it is **46608A**.

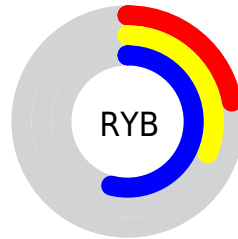
Distribution



Red (22%)

Green (35%)

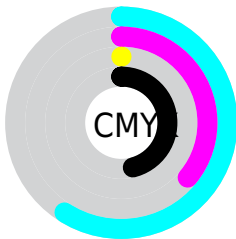
Blue (54%)



Red (22%)

Yellow (31%)

Blue (54%)

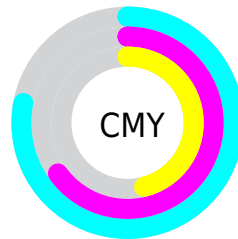


Cyan (59%)

Magenta (36%)

Yellow (0%)

Black (46%)



Cyan (78%)

Magenta (65%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38588A 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 38588A by changing the saturation by 10% instead.

■ 38588A

■ 38588A

FFFFFF

■ 1B4170

■ 6E8AC0

■ 002B58

■ 89A4DC

■ 001740

■ A4BFF8

■ 00032A

■ C0DBFF

■ 000114

■ DDF7FF

■ 000000

■ FAFFFF

■ 38588A

■ 38588A

■ 2A508A

■ 46608A

■ 1C478A

■ 54698A

■ 0F3F8A

■ 61718A

■ 01368A

■ 6F7A8A

■ 00368A

■ 7D828A

■ 8B8A8A

■ 99938A

■ A69B8A

■ B4A48A

Harmonies

Analogous

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



005F86



38588A



624E80

Triad

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



38588A



84463A



206343

Complementary

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



38588A



8A6A38

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.



455F2E



38588A



764F28

Square

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



38588A



874252



605823



00655E

Rectangle

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



38588A



754873



605823



2E623B

Sweetspot

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



38588A



929FB3



388A69



464D59



D9D9D9



595959

Same Dimension

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



38588A



3465B3



40388A



3E4145



003485



000205

Inverse Universe

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



8A3858



B33465



828A38



453E41



850034



050002

Previews

White Background



This preview shows how the Hex color 38588A looks on a white background.

Color Contrast Check

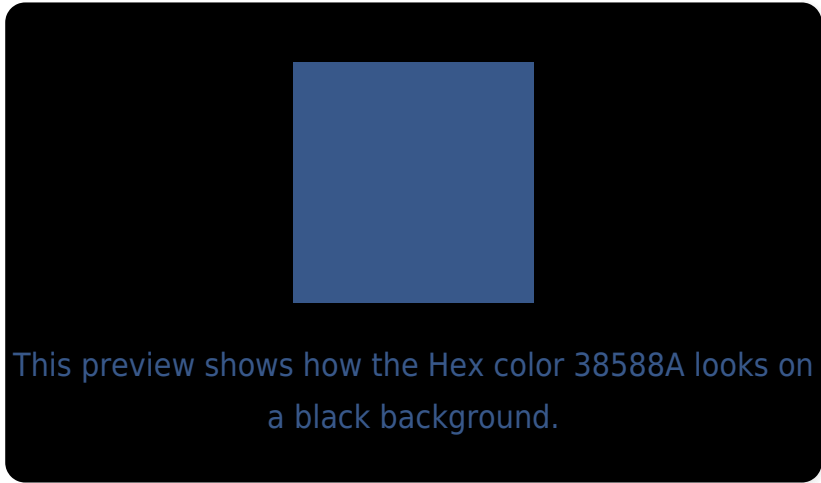
Large Text (above 18pt) WCAG AA ✓ Pass

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 38588A Background



This preview shows how black text looks on a background with the Hex color 38588A.



This preview shows how white text looks on a background with the Hex color 38588A.

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
38588A

Protanopia
455688

Deuteranopia
3B578A



Tritanopia
295F67

Trichromacy



Original Color
38588A

Protanomaly
405789

Deuteranomaly
3A578A

Tritanomaly
2E5C74

Monochromacy



Original Color
38588A

Achromatopsia
545454

Achromatomaly
4A5568

CSS Examples

Text

The CSS property to change the color of the text to Hex 38588A 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 #38588A looks like.

```
.text, #text, p{  
    color:#38588A  
}
```

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 #38588A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38588A
}
```

Border

The CSS property to change the border of an element to Hex 38588A 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
#38588A }
```

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

```
.border{ border-color:#38588A }
```

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

Here you see how a box with a 4 pixel #38588A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38588A; -webkit-box-shadow:4px 4px  
4px 4px #38588A; box-shadow:4px 4px 4px  
4px #38588A }
```

Background

The CSS property to change the background color of an element to Hex 38588A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38588A }
```

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

```
.background{ background-color:#38588A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor