

Converting Colors

Hex(3868A0)

Have a look what the booklet for
Hex(3868A0) contains.

Hex(3868A0)	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(3868A0)

Conversions

Conversions Part 1

Format	Color
Hex	3868A0
RGB	56, 104, 160
RGB Percent	22%, 41%, 63%
CMY	0.7804, 0.5922, 0.3725
CMYK	0.65, 0.35, 0.00, 0.37
HSL	212°, 48%, 42%
HSV	212°, 65%, 63%
XYZ	12.9264, 13.2794, 35.1396
YIQ	96.0320, -46.5840, 7.2400

Conversions

Conversions Part 2

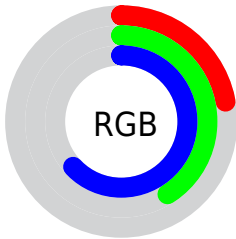
Format	Color
RYB	56, 89, 160
Decimal	3696800
CIELab	43.18, 2.04, -35.15
CIElCh	43, 35.208, 273.315
Yxy	13.2794, 0.2107, 0.2165
Android (android.graphics.Color)	4281886880 (0xFF3868A0)
YUV	96.0320, 31.5362, -35.1081
Hunter-Lab	36.4410, -0.4541, -31.6640

Details

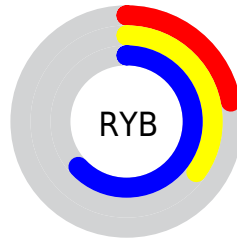
The Hex color **3868A0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A07038**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **719BD7**, and **003A6C** is the 20% darker color. If you saturate the color by 10%, you get **285FA0**, and if you desaturate by 10%, it is **4871A0**.

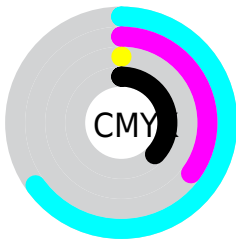
Distribution



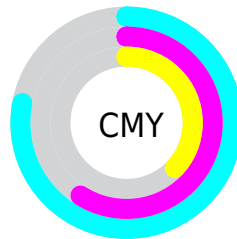
- Red (22%)
- Green (41%)
- Blue (63%)



- Red (22%)
- Yellow (35%)
- Blue (63%)



- Cyan (65%)
- Magenta (35%)
- Yellow (0%)
- Black (37%)



- Cyan (78%)
- Magenta (59%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3868A0 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 3868A0 by changing the saturation by 10% instead.

■ 3868A0

■ 3868A0

FFFFFF

■ 155086

■ 719BD7

■ 003A6C

■ 8DB6F4

■ 002453

■ A9D1FF

■ 000F3C

■ C6EDFF

■ 000226

■ E3FFFF

■ 00010E

■ 000000

■ 3868A0

■ 3868A0

■ 285FA0

■ 4871A0

■ 1857A0

■ 5879A0

■ 084EA0

■ 6882A0

■ 004AA0

■ 788AA0

■ 8893A0

■ 989CA0

■ A8A4A0

■ B8ADA0

■ C8B6A0

Harmonies

Analogous

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



00709A



3868A0



6C5D97

Triad

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



3868A0



9A5148



2F734B

Complementary

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



3868A0



A07038

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.



566E33



3868A0



8C5B32

Square

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



3868A0



9C4D64



74652A



007568

Rectangle

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



3868A0



845689



74652A



3E7142

Sweetspot

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



3868A0



A7BBD1



38A06F



4F5B69



E8E8E8



696969

Same Dimension

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



3868A0



2E79D1



3B38A0



474B4F



00428F



00070F

Inverse Universe

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



A03868



D12E79



9DA038



4F474B



8F0042



0F0007

Previews

White Background



This preview shows how the Hex color 3868A0 looks on a white background.

Color Contrast Check

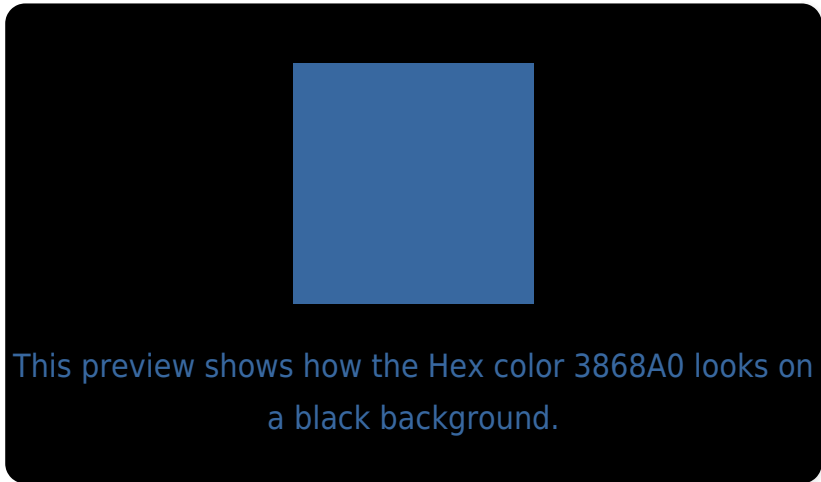
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

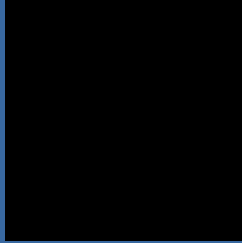
Any Text WCAG AA × Fail

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 3868A0 Background



This preview shows how black text looks on a background with the Hex color 3868A0.

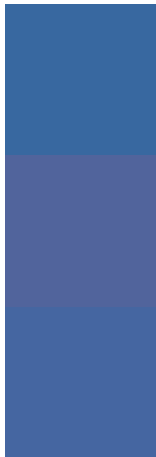


This preview shows how white text looks on a background with the Hex color 3868A0.

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

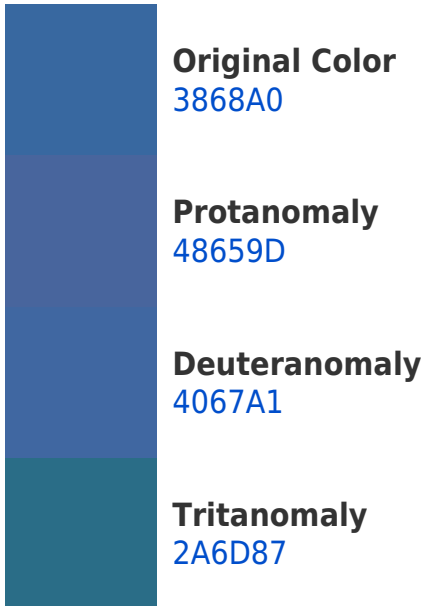


Original Color
3868A0

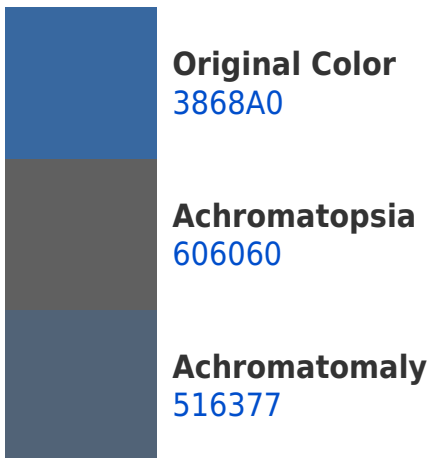
Protanopia
51649C

Deuteranopia
4566A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3868A0 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 #3868A0 looks like.

```
.text, #text, p{  
    color:#3868A0  
}
```

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 #3868A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3868A0
}
```

Border

The CSS property to change the border of an element to Hex 3868A0 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
#3868A0 }
```

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

```
.border{ border-color:#3868A0 }
```

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

Here you see how a box with a 4 pixel #3868A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3868A0; -webkit-box-shadow:4px 4px  
4px 4px #3868A0; box-shadow:4px 4px 4px  
4px #3868A0 }
```

Background

The CSS property to change the background color of an element to Hex 3868A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3868A0 }
```

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

```
.background{ background-color:#3868A0 }
```

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