

# Converting Colors

Hex(3865A6)

Have a look what the booklet for  
Hex(3865A6) contains.

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# Color

**Hex(3865A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3865A6
RGB	56, 101, 166
RGB Percent	22%, 40%, 65%
CMY	0.7804, 0.6039, 0.3490
CMYK	0.66, 0.39, 0.00, 0.35
HSL	215°, 50%, 44%
HSV	215°, 66%, 65%
XYZ	13.1675, 12.9013, 37.8726
YIQ	94.9550, -47.6850, 10.6750

# Conversions

## Conversions Part 2

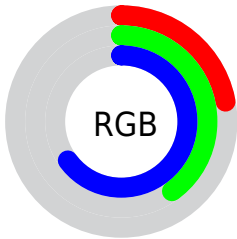
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 88, 166
Decimal	3696038
CIE <sub>Lab</sub>	42.61, 6.07, -39.60
CIE <sub>LCh</sub>	43, 40.058, 278.716
Yxy	12.9013, 0.2059, 0.2018
Android (android.graphics.Color)	4281886118 (0xFF3865A6)
YUV	94.9550, 35.0252, -34.1635
Hunter-Lab	35.9184, 2.5801, -37.3730

# Details

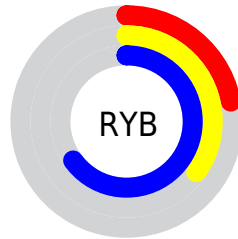
The Hex color **3865A6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A67938**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7298DD**, and **003772** is the 20% darker color. If you saturate the color by 10%, you get **275BA6**, and if you desaturate by 10%, it is **496FA6**.

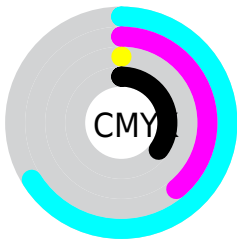
# Distribution



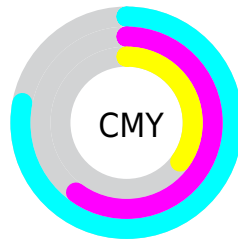
- Red (22%)
- Green (40%)
- Blue (65%)



- Red (22%)
- Yellow (35%)
- Blue (65%)



- Cyan (66%)
- Magenta (39%)
- Yellow (0%)
- Black (35%)



- Cyan (78%)
- Magenta (60%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3865A6 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 3865A6 by changing the saturation by 10% instead.



■ 3865A6

■ 3865A6

FFFFFF

■ 134D8B

■ 7298DD

■ 003772

■ 8EB2FA

■ 002259

■ ABCEFF

■ 000B41

■ C7EAFB

■ 00032A

■ E5FFFF

■ 000114

■ 000000

■ 3865A6

■ 3865A6

■ 275BA6

■ 496FA6

■ 1751A6

■ 5979A6

■ 0648A6

■ 6A82A6

■ 0044A6

■ 7A8CA6

■ 8B96A6

■ 9CA0A6

■ ACAA66

■ BDB3A6

■ CDBDA6

# Harmonies

## Analogous

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



006FA2



3865A6



735898

# Triad

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



3865A6



9D4E3D



0C734B

# Complementary

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



3865A6



A67938

# 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.



4A6E2E



3865A6



8A5A26

# Square

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



3865A6



A1475C



6E661F



00756E

# Rectangle

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



3865A6



8C4F87



6E661F



2A7241



# Sweetspot

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



3865A6



ADBFD9



38A678



535E6E



EDEDED



6E6E6E



# Same Dimension

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



3865A6



2B72D9



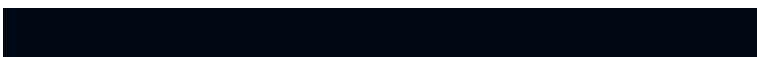
4138A6



4C4F54



003D94



000814



# Inverse Universe

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



A63865



D92B72



9DA638



544C4F



94003D



140008



# Previews

## White Background



This preview shows how the Hex color 3865A6 looks on a white background.

## Color Contrast Check

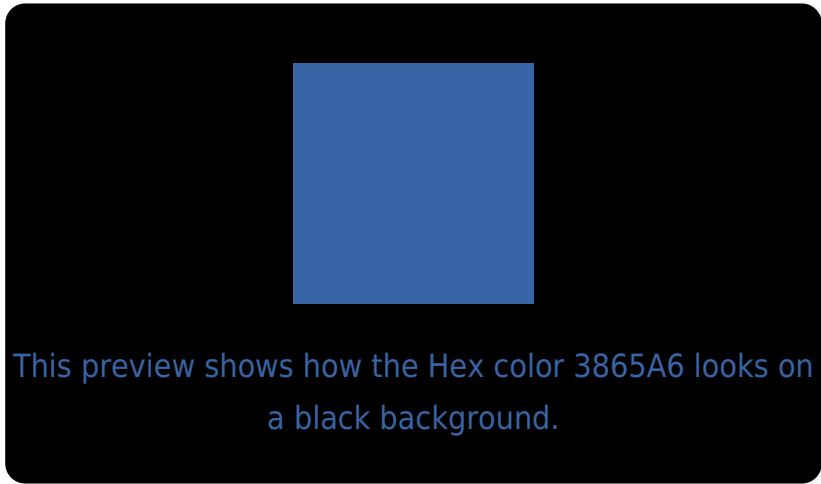
Large Text (above 18pt) WCAG AA ✓ Pass

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

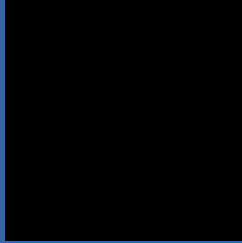
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3865A6 Background



This preview shows how black text looks on a background with the Hex color 3865A6.

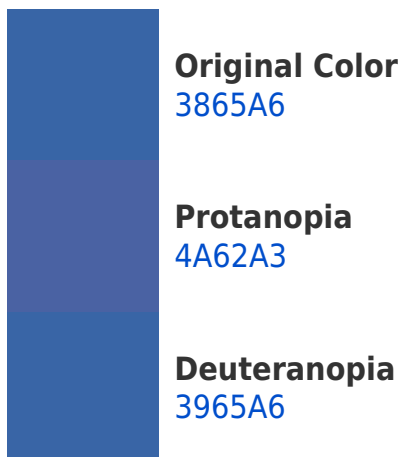


This preview shows how white text looks on a background with the Hex color 3865A6.

# 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](#).

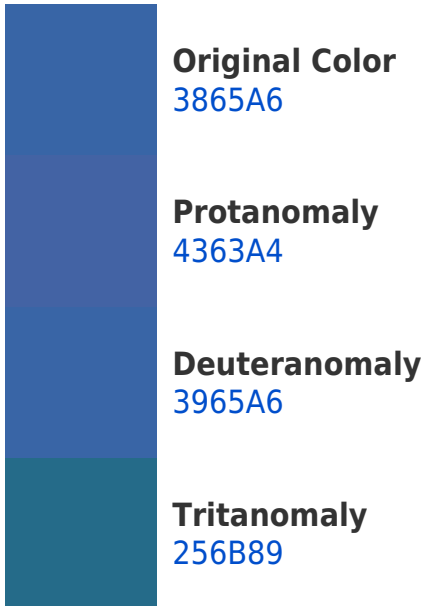
## Dichromacy



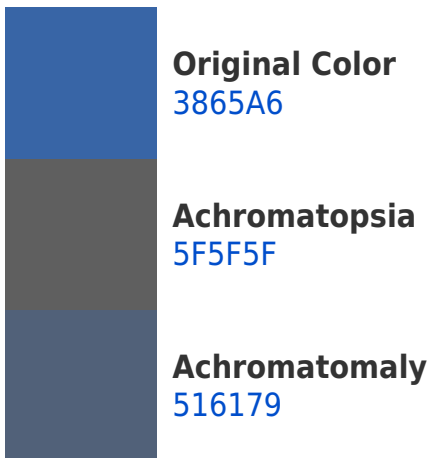


**Tritanopia**  
1A6F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3865A6 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 #3865A6 looks like.

```
.text, #text, p{  
    color:#3865A6  
}
```

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 #3865A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3865A6
}
```

## Border

The CSS property to change the border of an element to Hex 3865A6 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
#3865A6 }
```

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

```
.border{ border-color:#3865A6 }
```

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

Here you see how a box with a 4 pixel #3865A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3865A6; -webkit-box-shadow:4px 4px  
4px 4px #3865A6; box-shadow:4px 4px 4px  
4px #3865A6 }
```

# Background

The CSS property to change the background color of an element to Hex 3865A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3865A6 }
```

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

```
.background{ background-color:#3865A6 }
```

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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