

# Converting Colors

Hex(3A6078)

Have a look what the booklet for  
Hex(3A6078) contains.

<b>Hex(3A6078)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3A6078)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A6078
RGB	58, 96, 120
RGB Percent	23%, 38%, 47%
CMY	0.7725, 0.6235, 0.5294
CMYK	0.52, 0.20, 0.00, 0.53
HSL	203°, 35%, 35%
HSV	203°, 52%, 47%
XYZ	9.3180, 10.6213, 19.3283
YIQ	87.3740, -30.3520, -0.5920

# Conversions

## Conversions Part 2

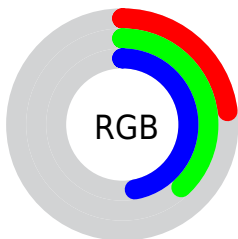
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 82, 120
Decimal	3825784
CIELab	38.94, -6.24, -17.69
CIELCh	39, 18.755, 250.565
Yxy	10.6213, 0.2373, 0.2705
Android (android.graphics.Color)	4282015864 (0xFF3A6078)
YUV	87.3740, 16.0846, -25.7610
Hunter-Lab	32.5904, -5.9981, -12.3497

# Details


The Hex color **3A6078** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78523A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6D92AC**, and **003247** is the 20% darker color. If you saturate the color by 10%, you get **2E5B78**, and if you desaturate by 10%, it is **466578**.

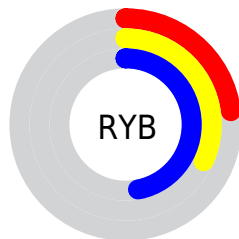
# Distribution



 Red (23%)

 Green (38%)

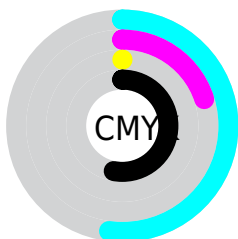
 Blue (47%)




 Red (23%)

 Yellow (32%)

 Blue (47%)

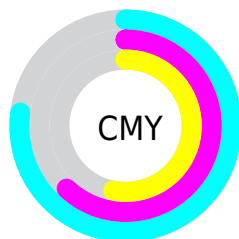



 Cyan (52%)


 Magenta (20%)

 Yellow (0%)

 Black (53%)



 Cyan (77%)

 Magenta (62%)

 Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A6078 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 3A6078 by changing the saturation by 10% instead.



■ 3A6078

■ 3A6078

FFFFFF

■ 20485F

■ 6D92AC

■ 003247

■ 88ADC8

■ 001D31

■ A3C8E4

■ 00021C

■ BEE4FF

■ 000000

■ DBFFFF

■ F8FFFF

■ 3A6078

■ 3A6078

■ 2E5B78

■ 466578

■ 225778

■ 526978

■ 165278

■ 5E6E78

■ 0A4D78

■ 6A7378

■ 004A78

■ 767778

■ 827C78

■ 8E8178

■ 9A8578

■ A68A78

# Harmonies

## Analogous

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



2C636F



3A6078



505B79

# Triad

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



3A6078



7A5057



506144

# Complementary

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



3A6078



78523A

# 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.



615C3E



3A6078



785349

# Square

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



3A6078



735266



6F573F



3E6351

# Rectangle

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



3A6078



5E5876



6F573F



565F41



# Sweetspot

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



3A6078



83929C



3A7852



40494F



CFCFCF



4F4F4F



# Same Dimension

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



3A6078



3B769C



3A4178



373B3D



004D7D



009BFC



# Inverse Universe

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



783A60



9C3B76



78713A



3D373B



7D004D



FC009B



# Previews

## White Background



This preview shows how the Hex color 3A6078 looks on a white background.

## Color Contrast Check

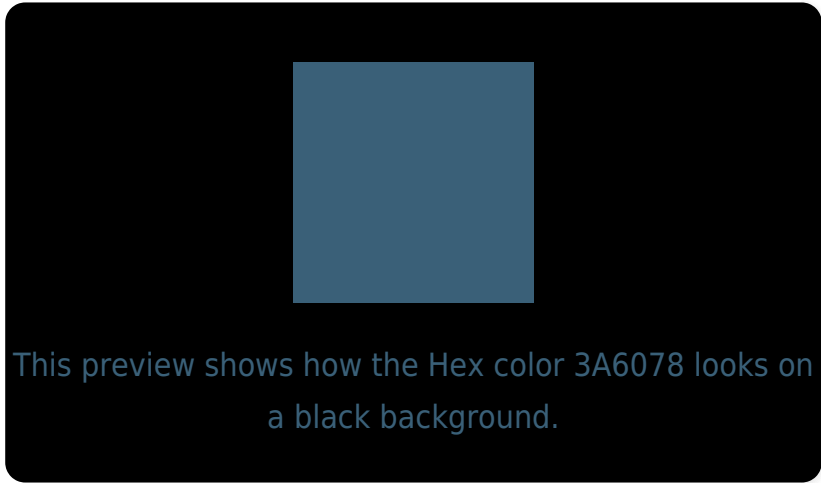
Large Text (above 18pt) WCAG AA ✓ Pass

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

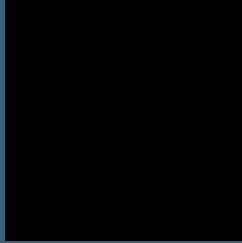
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

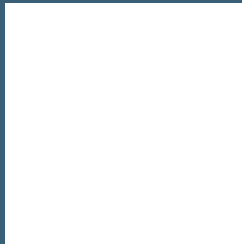
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A6078 Background



This preview shows how black text looks on a background with the Hex color 3A6078.

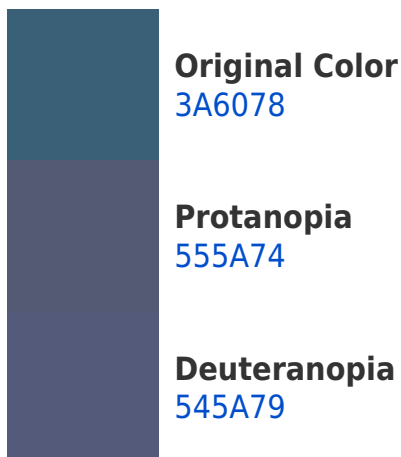


This preview shows how white text looks on a background with the Hex color 3A6078.

# 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](#).

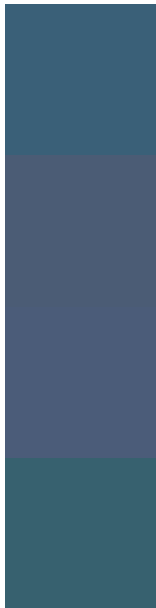
## Dichromacy





**Tritanopia**  
35626A

# Trichromacy



**Original Color**  
3A6078

**Protanomaly**  
4B5C75

**Deuteranomaly**  
4B5C79

**Tritanomaly**  
37616F

# Monochromacy



**Original Color**  
3A6078

**Achromatopsia**  
575757

**Achromatomaly**  
4C5A63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A6078 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 #3A6078 looks like.

```
.text, #text, p{  
    color:#3A6078  
}
```

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 #3A6078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6078
}
```

## Border

The CSS property to change the border of an element to Hex 3A6078 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
#3A6078 }
```

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

```
.border{ border-color:#3A6078 }
```

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

Here you see how a box with a 4 pixel #3A6078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6078; -webkit-box-shadow:4px 4px  
4px 4px #3A6078; box-shadow:4px 4px 4px  
4px #3A6078 }
```

# Background

The CSS property to change the background color of an element to Hex 3A6078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6078 }
```

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

```
.background{ background-color:#3A6078 }
```

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