

# Converting Colors

Hex(3A5F77)

Have a look what the booklet for  
Hex(3A5F77) contains.

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# Color

Hex(3A5F77)

# Conversions

## Conversions Part 1

Format	Color
Hex	3A5F77
RGB	58, 95, 119
RGB Percent	23%, 37%, 47%
CMY	0.7725, 0.6275, 0.5333
CMYK	0.51, 0.20, 0.00, 0.53
HSL	204°, 34%, 35%
HSV	204°, 51%, 47%
XYZ	9.1669, 10.4159, 18.9801
YIQ	86.6730, -29.7560, -0.3800

# Conversions

## Conversions Part 2

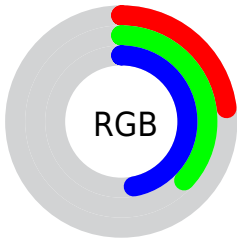
Format	Color
R <sub>YB</sub>	58, 81, 119
Decimal	3825527
CIE Lab	38.58, -5.96, -17.62
CIE LCh	39, 18.601, 251.325
Yxy	10.4159, 0.2377, 0.2701
Android (android.graphics.Color)	4282015607 (0xFF3A5F77)
YUV	86.6730, 15.9372, -25.1462
Hunter-Lab	32.2736, -5.7782, -12.2768

# Details

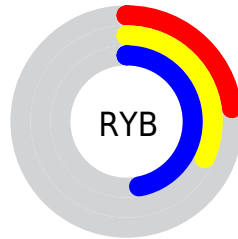
The Hex color **3A5F77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77523A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6D91AB**, and **013147** is the 20% darker color. If you saturate the color by 10%, you get **2E5A77**, and if you desaturate by 10%, it is **466477**.

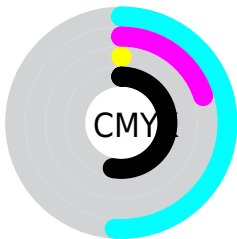
# Distribution



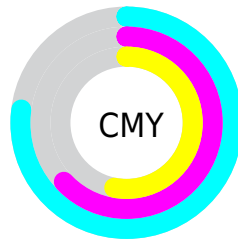
- Red (23%)
- Green (37%)
- Blue (47%)



- Red (23%)
- Yellow (32%)
- Blue (47%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)
- Black (53%)



- Cyan (77%)
- Magenta (63%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A5F77 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 3A5F77 by changing the saturation by 10% instead.



■ 3A5F77

■ 3A5F77

FFFFFF

■ 20475E

■ 6D91AB

■ 013147

■ 87ACC7

■ 001C30

■ A3C7E3

■ 00011B

■ BEE3FF

■ 000000

■ DAFFFF

■ F7FFFF

■ 3A5F77

■ 3A5F77

■ 2E5A77

■ 466477

■ 225677

■ 526877

■ 165177

■ 5E6D77

■ 0A4C77

■ 6A7277

■ 004877

■ 757677

■ 817B77

■ 8D8077

■ 998477

■ A58977

# Harmonies

## Analogous

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



2C626E



3A5F77



505A78

# Triad

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



3A5F77



795056



4F6044

# Complementary

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



3A5F77



77523A

# 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.



605C3D



3A5F77



775248

# Square

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



3A5F77



735165



6E573F



3D6251

# Rectangle

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



3A5F77



5E5775



6E573F



555F41



# Sweetspot

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



3A5F77



84929C



3A7751



41494F



CFCFCF



4F4F4F



# Same Dimension

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



3A5F77



3B769C



3A4177



35383B



004A7A



0098FA



# Inverse Universe

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



773A5F



9C3B76



77703A



3B3538



7A004A



FA0098



# Previews

## White Background



This preview shows how the Hex color 3A5F77 looks on a white background.

## Color Contrast Check

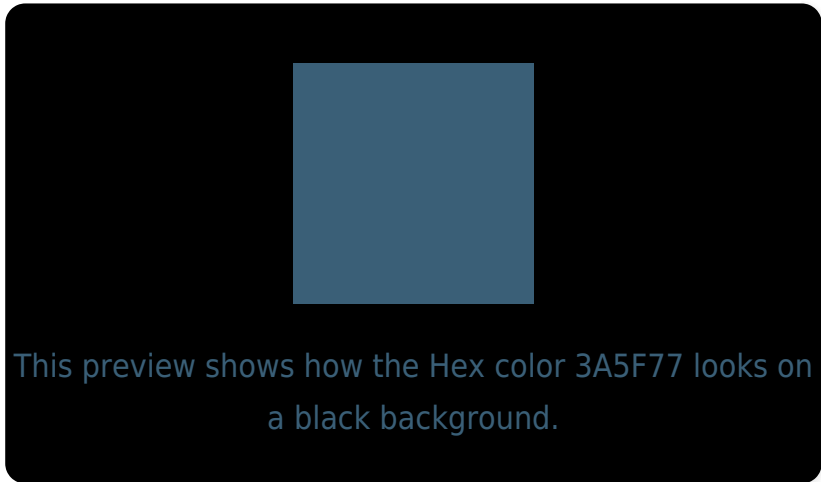
Large Text (above 18pt) WCAG AA ✓ Pass

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

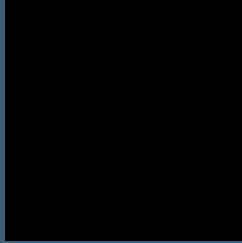
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

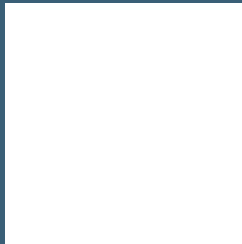
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A5F77 Background



This preview shows how black text looks on a background with the Hex color 3A5F77.

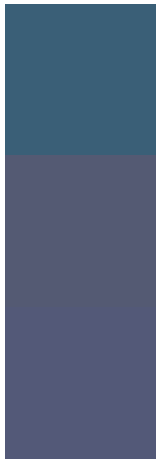


This preview shows how white text looks on a background with the Hex color 3A5F77.

# 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**  
3A5F77

**Protanopia**  
545A73

**Deuteranopia**  
535978

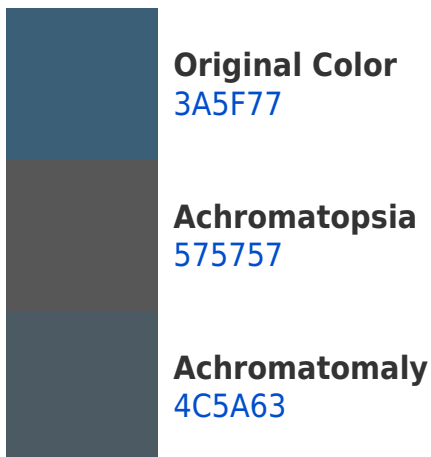


**Tritanopia**  
356169

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A5F77 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 #3A5F77 looks like.

```
.text, #text, p{  
    color:#3A5F77  
}
```

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 #3A5F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5F77  
}
```

## Border

The CSS property to change the border of an element to Hex 3A5F77 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  
#3A5F77 }
```

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

```
.border{ border-color:#3A5F77 }
```

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

Here you see how a box with a 4 pixel #3A5F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5F77; -webkit-box-shadow:4px 4px  
4px 4px #3A5F77; box-shadow:4px 4px 4px  
4px #3A5F77 }
```

# Background

The CSS property to change the background color of an element to Hex 3A5F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5F77 }
```

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

```
.background{ background-color:#3A5F77 }
```

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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