

# Converting Colors

Hex(3B5772)

Have a look what the booklet for  
Hex(3B5772) contains.

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# Color

**Hex(3B5772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B5772
RGB	59, 87, 114
RGB Percent	23%, 34%, 45%
CMY	0.7686, 0.6588, 0.5529
CMYK	0.48, 0.24, 0.00, 0.55
HSL	209°, 32%, 34%
HSV	209°, 48%, 45%
XYZ	8.2491, 8.9611, 17.2145
YIQ	81.7060, -25.3550, 2.4610

# Conversions

## Conversions Part 2

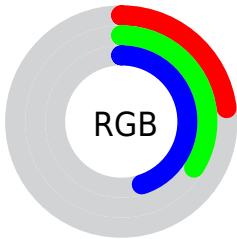
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 78, 114
Decimal	3889010
CIE <sub>Lab</sub>	35.91, -2.37, -18.65
CIE <sub>LCh</sub>	36, 18.797, 262.746
Yxy	8.9611, 0.2396, 0.2603
Android (android.graphics.Color)	4282079090 (0xFF3B5772)
YUV	81.7060, 15.9209, -19.9132
Hunter-Lab	29.9351, -3.1979, -13.1407

# Details

The Hex color **3B5772** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **72563B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6D89A6**, and **062A42** is the 20% darker color. If you saturate the color by 10%, you get **305172**, and if you desaturate by 10%, it is **465D72**.

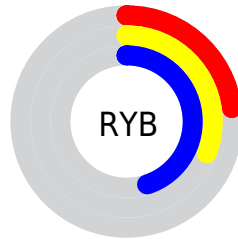
# Distribution



Red (23%)

Green (34%)

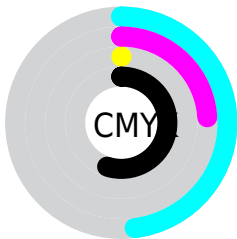
Blue (45%)



Red (23%)

Yellow (31%)

Blue (45%)

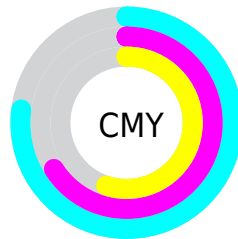


Cyan (48%)

Magenta (24%)

Yellow (0%)

Black (55%)



Cyan (77%)

Magenta (66%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B5772 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 3B5772 by changing the saturation by 10% instead.





3B5772



3B5772

FFFFFF



224059



6D89A6



062A42



87A3C1



00162C



A2BEDD



000117



BEDAFA



000000



DAF6FF



F7FFFF



3B5772



3B5772



305172



465D72

■ 244C72

■ 526272

■ 194672

■ 5D6872

■ 0D4172

■ 696D72

■ 023B72

■ 747372

■ 003A72

■ 7F7972

■ 8B7E72

■ 968472

■ A28972

# Harmonies

## Analogous

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



285B6C



3B5772



515270

# Triad

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



3B5772



724A4A



425B42

# Complementary

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



3B5772



72563B

# 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.



535738



3B5772



6E4D3D

# Square

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



3B5772



704A59



625237



305D50

# Rectangle

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



3B5772



5F4E6B



625237



485A3E



# Sweetspot

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



3B5772



7F8A94



3B7256



3D444A



C9C9C9



4A4A4A



# Same Dimension

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



3B5772



3E6A94



3B3C72



323538



003D78



007EF7



# Inverse Universe

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



723B57



943E6A



72713B



383235



78003D

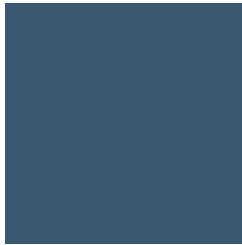


F7007E



# Previews

## White Background



This preview shows how the Hex color 3B5772 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

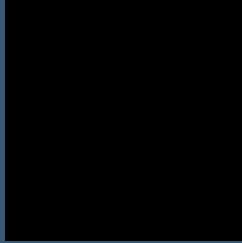
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

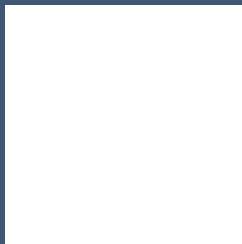
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3B5772 Background



This preview shows how black text looks on a background with the Hex color 3B5772.

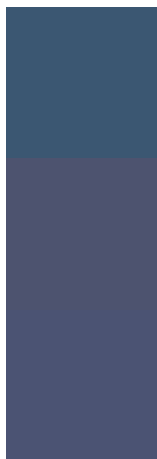


This preview shows how white text looks on a background with the Hex color 3B5772.

# 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**  
3B5772

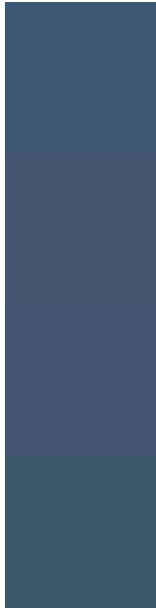
**Protanopia**  
4D536F

**Deuteranopia**  
4B5373



**Tritanopia**  
365A61

# Trichromacy



**Original Color**  
3B5772

**Protanomaly**  
465470

**Deuteranomaly**  
455473

**Tritanomaly**  
385967

# Monochromacy



**Original Color**  
3B5772

**Achromatopsia**  
525252

**Achromatomaly**  
4A545E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B5772 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 #3B5772 looks like.

```
.text, #text, p{  
    color:#3B5772  
}
```

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 #3B5772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5772
}
```

## Border

The CSS property to change the border of an element to Hex 3B5772 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
#3B5772 }
```

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

```
.border{ border-color:#3B5772 }
```

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

Here you see how a box with a 4 pixel #3B5772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5772; -webkit-box-shadow:4px 4px  
4px 4px #3B5772; box-shadow:4px 4px 4px  
4px #3B5772 }
```

# Background

The CSS property to change the background color of an element to Hex 3B5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5772 }
```

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

```
.background{ background-color:#3B5772 }
```

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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