

# Converting Colors

Hex(3B505F)

Have a look what the booklet for  
Hex(3B505F) contains.

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# Color

**Hex(3B505F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B505F
RGB	59, 80, 95
RGB Percent	23%, 31%, 37%
CMY	0.7686, 0.6863, 0.6275
CMYK	0.38, 0.16, 0.00, 0.63
HSL	205°, 23%, 30%
HSV	205°, 38%, 37%
XYZ	6.7379, 7.4934, 11.9177
YIQ	75.4310, -17.3310, 0.2130

# Conversions

## Conversions Part 2

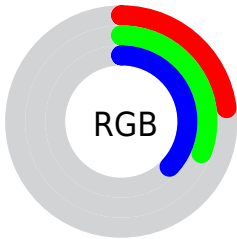
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 72, 95
Decimal	3887199
CIELab	32.90, -3.86, -11.35
CIElCh	33, 11.990, 251.209
Yxy	7.4934, 0.2577, 0.2866
Android (android.graphics.Color)	4282077279 (0xFF3B505F)
YUV	75.4310, 9.6475, -14.4100
Hunter-Lab	27.3740, -3.9684, -6.6511

# Details

The Hex color **3B505F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F4A3B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6C8191**, and **0D2431** is the 20% darker color. If you saturate the color by 10%, you get **314C5F**, and if you desaturate by 10%, it is **45545F**.

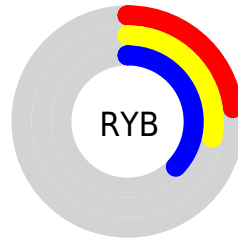
# Distribution



Red (23%)

Green (31%)

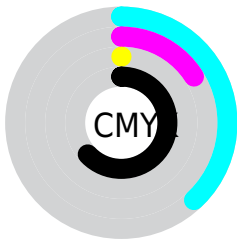
Blue (37%)



Red (23%)

Yellow (28%)

Blue (37%)

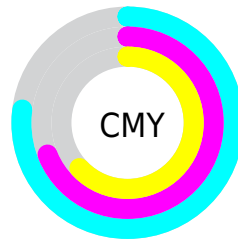


Cyan (38%)

Magenta (16%)

Yellow (0%)

Black (63%)



Cyan (77%)

Magenta (69%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B505F 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 3B505F by changing the saturation by 10% instead.



■ 3B505F

■ 3B505F

FFFFFF

■ 243947

■ 6C8191

■ 0D2431

■ 859BAC

■ 000E1C

■ A0B6C7

■ 000000

■ BBD2E3

■ D7EEFF

■ F3FFFF

■ 3B505F

■ 3B505F

■ 314C5F

■ 45545F

■ 28485F

■ 4E585F

■ 1F445F

■ 585C5F

■ 15405F

■ 61605F

■ 0C3C5F

■ 6A645F

■ 02385F

■ 74685F

■ 00375F

■ 7E6C5F

■ 87705F

■ 91745F

# Harmonies

## Analogous

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



345259



3B505F



474D60

# Triad

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



3B505F



61474A



46513F

# Complementary

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



3B505F



5F4A3B

# 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.



514E3B



3B505F



604841

# Square

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



3B505F



5D4754



5A4B3C



3C5247

# Rectangle

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



3B505F



504B5E



5A4B3C



4A503D



# Sweetspot

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



3B505F



6D757A



3B5F4A



353A3D



BDBDBD



3D3D3D



# Same Dimension

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



3B505F



43637A



3B3E5F



2C2E30



004170



008CF0



# Inverse Universe

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



5F3B50



7A4363



5F5C3B



302C2E



700041

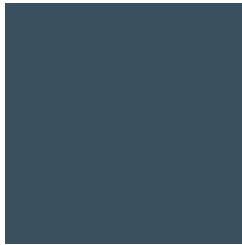


F0008C



# Previews

## White Background



This preview shows how the Hex color 3B505F looks on a white background.

## Color Contrast Check

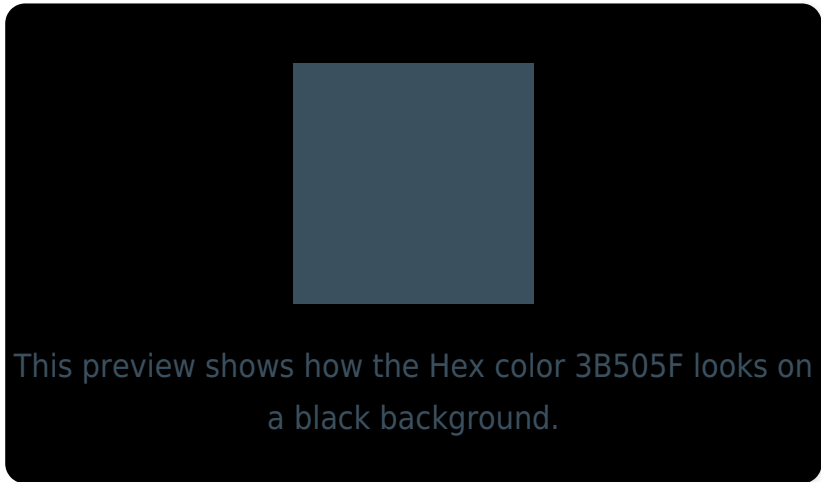
Large Text (above 18pt) WCAG AA ✓ Pass

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

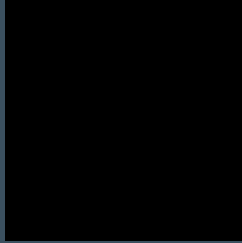
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

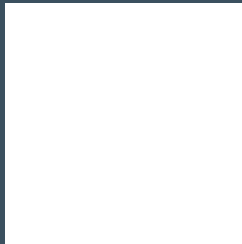
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3B505F Background



This preview shows how black text looks on a background with the Hex color 3B505F.

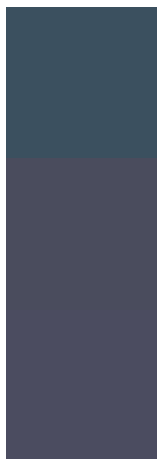


This preview shows how white text looks on a background with the Hex color 3B505F.

# 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**

3B505F

**Protanopia**

4A4C5D

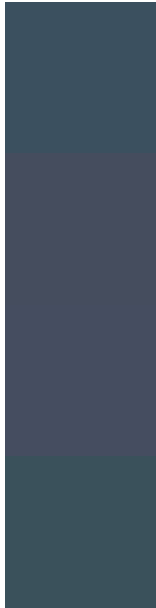
**Deuteranopia**

4B4C60



**Tritanopia**  
395158

# Trichromacy



**Original Color**  
3B505F

**Protanomaly**  
454D5E

**Deuteranomaly**  
454D60

**Tritanomaly**  
3A515B

# Monochromacy



**Original Color**  
3B505F

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
454D52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B505F 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 #3B505F looks like.

```
.text, #text, p{  
    color:#3B505F  
}
```

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 #3B505F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B505F
}
```

## Border

The CSS property to change the border of an element to Hex 3B505F is called "border". The border property can be set on classes, ids or directly on the HTML element.

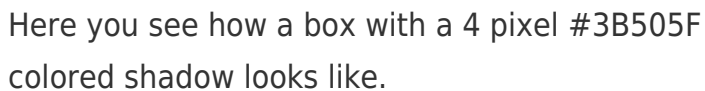
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B505F }
```

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

```
.border{ border-color:#3B505F }
```

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



Here you see how a box with a 4 pixel #3B505F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B505F; -webkit-box-shadow:4px 4px  
4px 4px #3B505F; box-shadow:4px 4px 4px  
4px #3B505F }
```

# Background

The CSS property to change the background color of an element to Hex 3B505F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B505F }
```

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

```
.background{ background-color:#3B505F }
```

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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