

# Converting Colors

Hex(3B515C)

Have a look what the booklet for  
Hex(3B515C) contains.

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# Color

**Hex(3B515C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B515C
RGB	59, 81, 92
RGB Percent	23%, 32%, 36%
CMY	0.7686, 0.6824, 0.6392
CMYK	0.36, 0.12, 0.00, 0.64
HSL	200°, 22%, 30%
HSV	200°, 36%, 36%
XYZ	6.6778, 7.5874, 11.2378
YIQ	75.6760, -16.6430, -1.2430

# Conversions

## Conversions Part 2

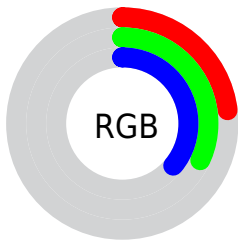
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 72, 92
Decimal	3887452
CIELab	33.11, -5.36, -9.14
CIELCh	33, 10.598, 239.641
Yxy	7.5874, 0.2618, 0.2975
Android (android.graphics.Color)	4282077532 (0xFF3B515C)
YUV	75.6760, 8.0477, -14.6249
Hunter-Lab	27.5452, -4.9300, -4.9072

# Details

The Hex color **3B515C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C463B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6B828E**, and **0E242E** is the 20% darker color. If you saturate the color by 10%, you get **324E5C**, and if you desaturate by 10%, it is **44545C**.

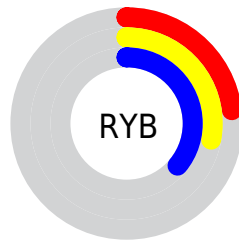
# Distribution



Red (23%)

Green (32%)

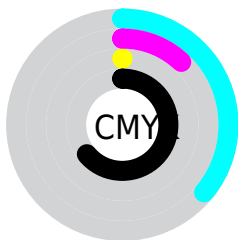
Blue (36%)



Red (23%)

Yellow (28%)

Blue (36%)

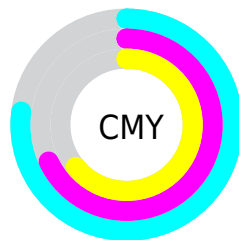


Cyan (36%)

Magenta (12%)

Yellow (0%)

Black (64%)



Cyan (77%)

Magenta (68%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B515C 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 3B515C by changing the saturation by 10% instead.





3B515C



3B515C

FFFFFF



243A44



6B828E



0E242E



859CA9



000F1A



9FB7C4



000000



BBD3E0



D7EFC



F3FFFF



3B515C



3B515C



324E5C



44545C

■ 294B5C

■ 4D575C

■ 1F485C

■ 575A5C

■ 16455C

■ 605D5C

■ 0D425C

■ 69605C

■ 043F5C

■ 72635C

■ 003D5C

■ 7B665C

■ 856A5C

■ 8E6D5C

# Harmonies

## Analogous

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



375256



3B515C



444F5E

# Triad

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



3B515C



5E484E



4B503F

# Complementary

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



3B515C



5C463B

# 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.



544D3D



3B515C



5F4946

# Square

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



3B515C



594956



5C4B40



425245

# Rectangle

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



3B515C



4C4D5E



5C4B40



4F4F3E



# Sweetspot

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



3B515C



6B7378



3B5C46



353B3D



BDBDBD



3D3D3D



# Same Dimension

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



3B515C



446778



3B415C



292C2E



00496E



009EED



# Inverse Universe

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



5C3B51



784467



5C573B



2E292C



6E0049



ED009E



# Previews

## White Background



This preview shows how the Hex color 3B515C looks on a white background.

## Color Contrast Check

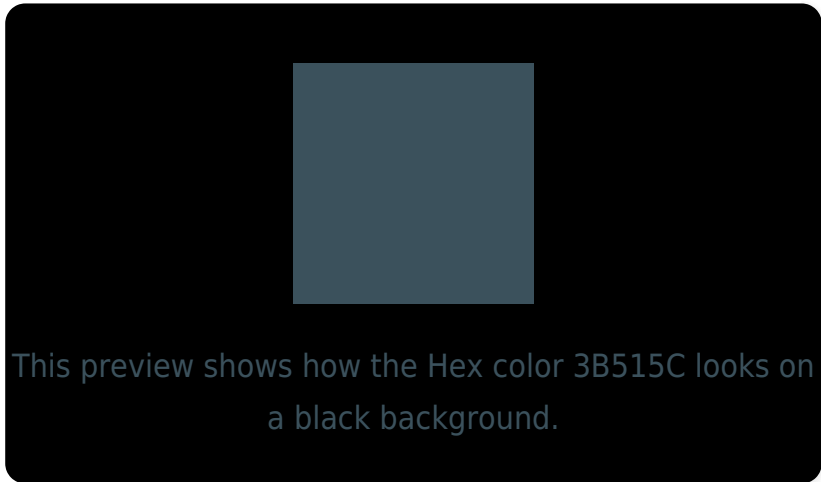
Large Text (above 18pt) WCAG AA ✓ Pass

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

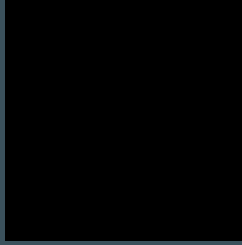
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B515C Background



This preview shows how black text looks on a background with the Hex color 3B515C.

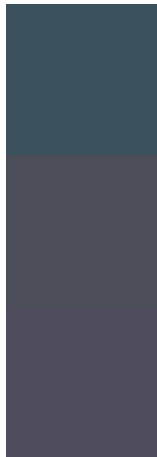


This preview shows how white text looks on a background with the Hex color 3B515C.

# 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**  
3B515C

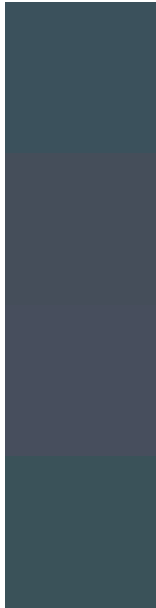
**Protanopia**  
4B4D59

**Deuteranopia**  
4E4C5D



**Tritanopia**  
3A5258

# Trichromacy



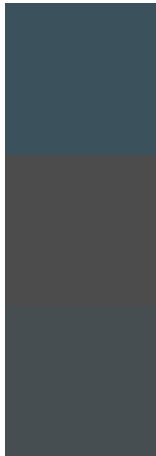
**Original Color**  
3B515C

**Protanomaly**  
454E5A

**Deuteranomaly**  
474E5D

**Tritanomaly**  
3A5259

# Monochromacy



**Original Color**  
3B515C

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
464E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B515C 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 #3B515C looks like.

```
.text, #text, p{  
    color:#3B515C  
}
```

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 #3B515C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B515C
}
```

## Border

The CSS property to change the border of an element to Hex 3B515C is called "border". The border property can be set on classes, ids or directly on the HTML element.

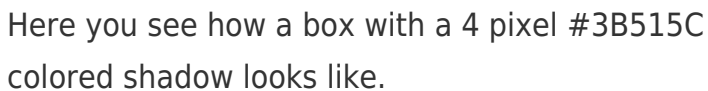
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B515C }
```

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

```
.border{ border-color:#3B515C }
```

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



Here you see how a box with a 4 pixel #3B515C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B515C; -webkit-box-shadow:4px 4px  
4px 4px #3B515C; box-shadow:4px 4px 4px  
4px #3B515C }
```

# Background

The CSS property to change the background color of an element to Hex 3B515C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B515C }
```

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

```
.background{ background-color:#3B515C }
```

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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