

# Converting Colors

Hex(3E6462)

Have a look what the booklet for  
Hex(3E6462) contains.

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# Color

**Hex(3E6462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E6462
RGB	62, 100, 98
RGB Percent	24%, 39%, 38%
CMY	0.7569, 0.6078, 0.6157
CMYK	0.38, 0.00, 0.02, 0.61
HSL	177°, 23%, 32%
HSV	177°, 38%, 39%
XYZ	8.7484, 11.0203, 13.2213
YIQ	88.4100, -22.0060, -8.6780

# Conversions

## Conversions Part 2

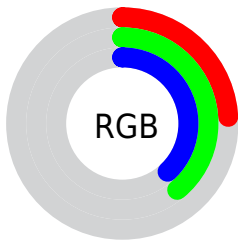
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 82, 100
Decimal	4088930
CIE <sub>Lab</sub>	39.61, -13.97, -3.15
CIE <sub>LCh</sub>	40, 14.317, 192.713
Yxy	11.0203, 0.2652, 0.3341
Android (android.graphics.Color)	4282279010 (0xFF3E6462)
YUV	88.4100, 4.7279, -23.1616
Hunter-Lab	33.1969, -11.0543, -0.3756

# Details

The Hex color **3E6462** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **643E40**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **709795**, and **0E3534** is the 20% darker color. If you saturate the color by 10%, you get **346461**, and if you desaturate by 10%, it is **486463**.

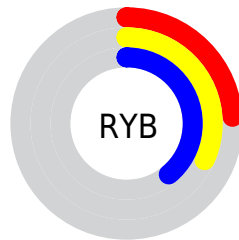
# Distribution



Red (24%)

Green (39%)

Blue (38%)



Red (24%)

Yellow (32%)

Blue (39%)

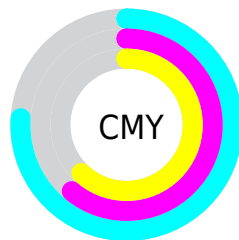


Cyan (38%)

Magenta (0%)

Yellow (2%)

Black (61%)



Cyan (76%)

Magenta (61%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E6462 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 3E6462 by changing the saturation by 10% instead.





3E6462



3E6462

FFFFFF



264C4A



709795



0E3534



8AB2AF



00201F



A4CDCB



000006



C0E9E7



000000



DCFFFF



F9FFFF



3E6462



3E6462



346461



486463

■ 2A6461

■ 526463

■ 206460

■ 5C6464

■ 166460

■ 666464

■ 0C645F

■ 706465

■ 02645F

■ 7A6465

■ 00645F

■ 846466

■ 8E6466

■ 986467

# Harmonies

## Analogous

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



476356



3E6462



3D636D

# Triad

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



3E6462



65596E



6C5A47

# Complementary

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



3E6462



643E40

# 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.



74574E



3E6462



705665

# Square

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



3E6462



565D74



755559



615E47

# Rectangle

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



3E6462



436172



755559



6F5949



# Sweetspot

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



3E6462



748281



41643E



3A4242



C2C2C2



424242



# Same Dimension

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



3E6462



46827F



3E5464



2E3333



00736D



00F2E6



# Inverse Universe

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



643E40



824649



644E3E



332E2E



730006



F2000D



# Previews

## White Background



This preview shows how the Hex color 3E6462 looks on a white background.

## Color Contrast Check

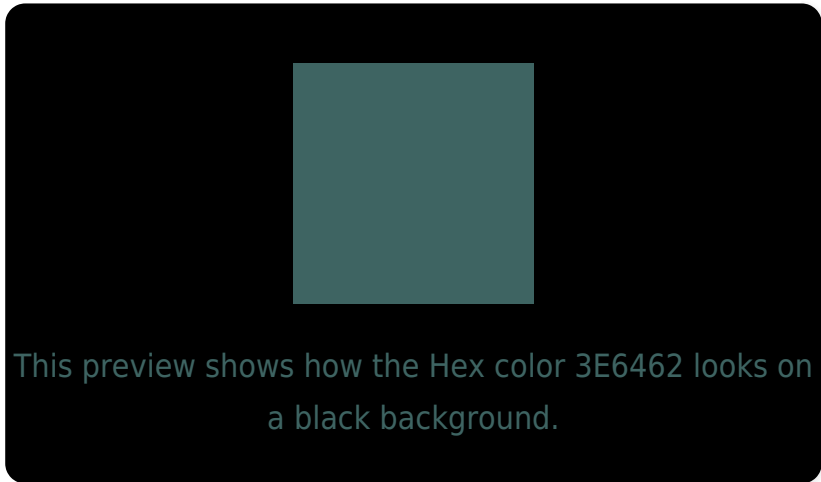
Large Text (above 18pt) WCAG AA ✓ Pass

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

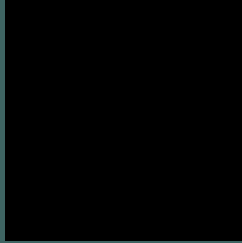
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E6462 Background



This preview shows how black text looks on a background with the Hex color 3E6462.



This preview shows how white text looks on a background with the Hex color 3E6462.

# 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**  
3E6462

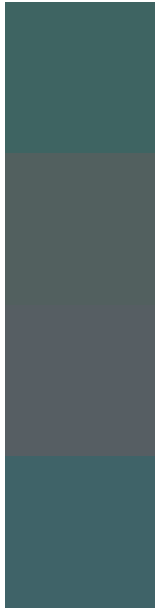
**Protanopia**  
5E5D5E

**Deuteranopia**  
635A64



**Tritanopia**  
40636B

# Trichromacy



**Original Color**  
3E6462

**Protanomaly**  
52605F

**Deuteranomaly**  
565E63

**Tritanomaly**  
3F6368

# Monochromacy



**Original Color**  
3E6462

**Achromatopsia**  
585858

**Achromatomaly**  
4F5C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E6462 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 #3E6462 looks like.

```
.text, #text, p{  
    color:#3E6462  
}
```

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 #3E6462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6462
}
```

## Border

The CSS property to change the border of an element to Hex 3E6462 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
#3E6462 }
```

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

```
.border{ border-color:#3E6462 }
```

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

Here you see how a box with a 4 pixel #3E6462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6462; -webkit-box-shadow:4px 4px  
4px 4px #3E6462; box-shadow:4px 4px 4px  
4px #3E6462 }
```

# Background

The CSS property to change the background color of an element to Hex 3E6462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6462 }
```

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

```
.background{ background-color:#3E6462 }
```

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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