

# Converting Colors

Hex(3E6D81)

Have a look what the booklet for  
Hex(3E6D81) contains.

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# Color

**Hex(3E6D81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E6D81
RGB	62, 109, 129
RGB Percent	24%, 43%, 51%
CMY	0.7569, 0.5725, 0.4941
CMYK	0.52, 0.16, 0.00, 0.49
HSL	198°, 35%, 37%
HSV	198°, 52%, 51%
XYZ	11.4177, 13.5464, 22.7818
YIQ	97.2270, -34.4320, -3.7440

# Conversions

## Conversions Part 2

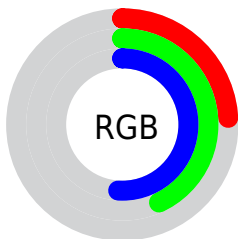
Format	Color
<b>RYB</b>	62, 90, 129
Decimal	4091265
CIELab	43.58, -10.08, -16.02
CIELCh	44, 18.926, 237.813
Yxy	13.5464, 0.2391, 0.2837
Android (android.graphics.Color)	4282281345 (0xFF3E6D81)
YUV	97.2270, 15.6641, -30.8941
Hunter-Lab	36.8054, -9.0356, -10.9355

# Details

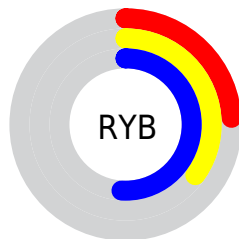
The Hex color **3E6D81** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81523E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **72A1B6**, and **013D50** is the 20% darker color. If you saturate the color by 10%, you get **316981**, and if you desaturate by 10%, it is **4B7181**.

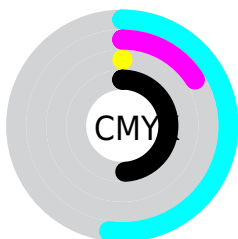
# Distribution



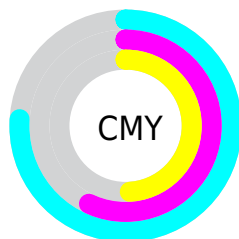
- Red (24%)
- Green (43%)
- Blue (51%)



- Red (24%)
- Yellow (35%)
- Blue (51%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (49%)



- Cyan (76%)
- Magenta (57%)
- Yellow (49%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E6D81 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 3E6D81 by changing the saturation by 10% instead.





3E6D81



3E6D81

FFFFFF



235568



72A1B6



013D50



8DBCD2



002839



A8D7EE



001423



C4F4FF



00000C



E1FFFF



000000

FEFFFF



3E6D81



3E6D81



316981



4B7181

■ 246581

■ 587581

■ 176181

■ 657981

■ 0A5E81

■ 727C81

■ 005A81

■ 7F8081

■ 8B8481

■ 988881

■ A58C81

■ B29081

# Harmonies

## Analogous

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



376F75



3E6D81



526986

# Triad

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



3E6D81



855C69



636A4B

# Complementary

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



3E6D81



81523E

# 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.



736648



3E6D81



865C59

# Square

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



3E6D81



7A5E78



80604D



516E56

# Rectangle

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



3E6D81



616585



80604D



696949



# Sweetspot

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



3E6D81



8DA0A8



3E8151



444F54



D4D4D4



545454



# Same Dimension

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



3E6D81



4089A8



3E4D81



393E40



005980



000000



# Inverse Universe

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



813E6D



A84089



81723E



40393E



800059

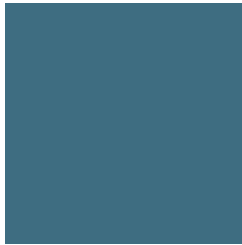


000000



# Previews

## White Background



This preview shows how the Hex color 3E6D81 looks on a white background.

## Color Contrast Check

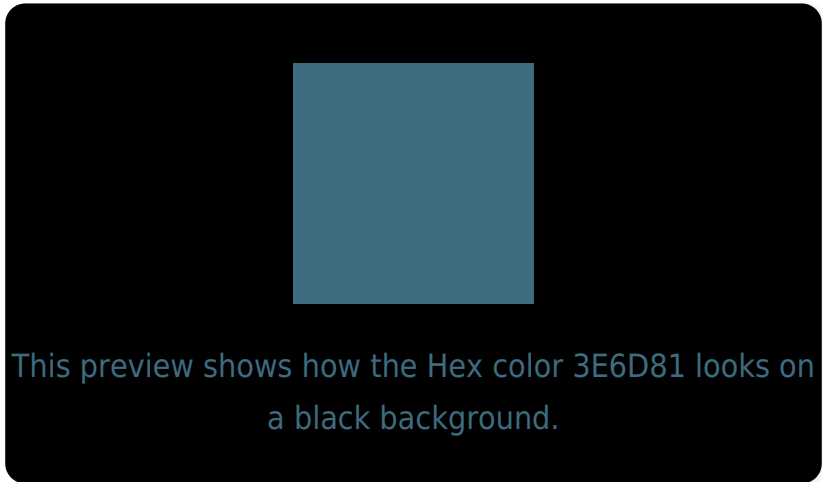
Large Text (above 18pt) WCAG AA ✓ Pass

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

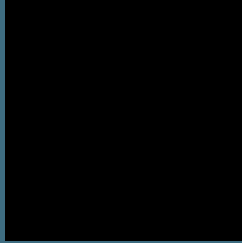
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E6D81 Background



This preview shows how black text looks on a background with the Hex color 3E6D81.

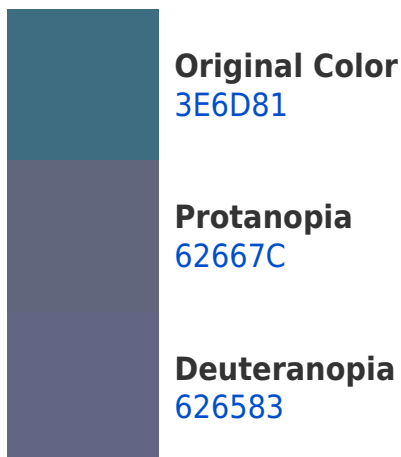


This preview shows how white text looks on a background with the Hex color 3E6D81.

# 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](#).

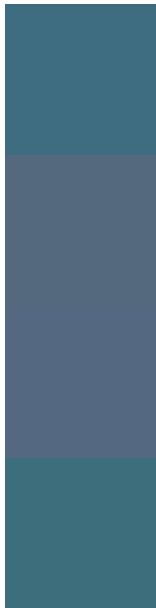
## Dichromacy





**Tritanopia**  
3B6F78

# Trichromacy



**Original Color**  
3E6D81

**Protanomaly**  
55697E

**Deuteranomaly**  
556882

**Tritanomaly**  
3C6E7B

# Monochromacy



**Original Color**  
3E6D81

**Achromatopsia**  
616161

**Achromatomaly**  
54656D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E6D81 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 #3E6D81 looks like.

```
.text, #text, p{  
    color:#3E6D81  
}
```

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 #3E6D81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6D81
}
```

## Border

The CSS property to change the border of an element to Hex 3E6D81 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
#3E6D81 }
```

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

```
.border{ border-color:#3E6D81 }
```

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

Here you see how a box with a 4 pixel #3E6D81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6D81; -webkit-box-shadow:4px 4px  
4px 4px #3E6D81; box-shadow:4px 4px 4px  
4px #3E6D81 }
```

# Background

The CSS property to change the background color of an element to Hex 3E6D81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6D81 }
```

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

```
.background{ background-color:#3E6D81 }
```

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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