

# Converting Colors

Hex(3E556C)

Have a look what the booklet for  
Hex(3E556C) contains.

<b>Hex(3E556C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(3E556C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E556C
RGB	62, 85, 108
RGB Percent	24%, 33%, 42%
CMY	0.7569, 0.6667, 0.5765
CMYK	0.43, 0.21, 0.00, 0.58
HSL	210°, 27%, 33%
HSV	210°, 43%, 42%
XYZ	7.9419, 8.6038, 15.4295
YIQ	80.7450, -21.0910, 2.2770

# Conversions

## Conversions Part 2

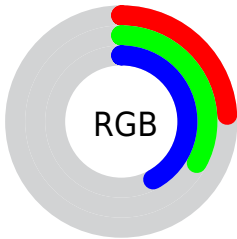
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 77, 108
Decimal	4085100
CIELab	35.21, -2.14, -15.98
CIElCh	35, 16.120, 262.363
Yxy	8.6038, 0.2484, 0.2691
Android (android.graphics.Color)	4282275180 (0xFF3E556C)
YUV	80.7450, 13.4367, -16.4394
Hunter-Lab	29.3323, -3.0017, -10.6553

# Details

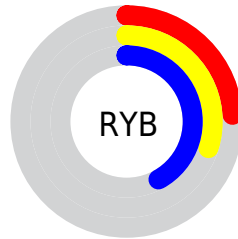
The Hex color **3E556C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C553E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **70879F**, and **0D283C** is the 20% darker color. If you saturate the color by 10%, you get **33506C**, and if you desaturate by 10%, it is **495A6C**.

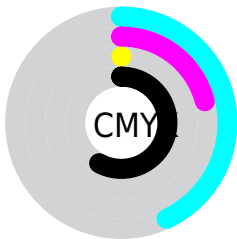
# Distribution



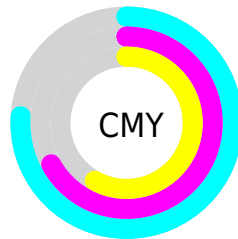
- Red (24%)
- Green (33%)
- Blue (42%)



- Red (24%)
- Yellow (30%)
- Blue (42%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (67%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E556C 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 3E556C by changing the saturation by 10% instead.





3E556C



3E556C

FFFFFF



263E54



70879F



0D283C



8AA1BA



001427



A4BCD6



000111



C0D7F3



000000



DCF4FF



F9FFFF



3E556C



3E556C



33506C



495A6C

■ 284A6C

■ 54606C

■ 1E456C

■ 5E656C

■ 133F6C

■ 696B6C

■ 083A6C

■ 74706C

■ 00366C

■ 7F756C

■ 8A7B6C

■ 94806C

■ 9F866C

# Harmonies

## Analogous

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



2F5867



3E556C



50516A

# Triad

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



3E556C



6D4A4A



435843

# Complementary

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



3E556C



6C553E

# 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.



52553B



3E556C



694D3F

# Square

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



3E556C



6A4A57



5F5139



355A4F

# Rectangle

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



3E556C



5B4E66



5F5139



48573F



# Sweetspot

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



3E556C



7A838C



3E6C55



3C4247



C7C7C7



474747



# Same Dimension

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



3E556C



45688C



3E3E6C



303336



003B75



007AF5



# Inverse Universe

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



6C3E55



8C4568



6C6C3E



363033



75003B

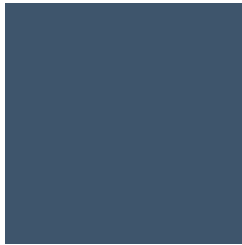


F5007A



# Previews

## White Background



This preview shows how the Hex color 3E556C 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

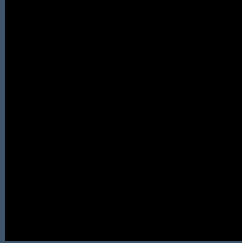
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

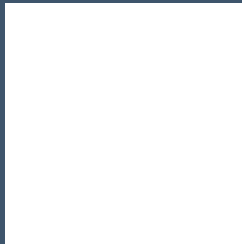
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E556C Background



This preview shows how black text looks on a background with the Hex color 3E556C.

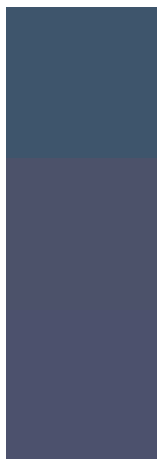


This preview shows how white text looks on a background with the Hex color 3E556C.

# 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**

3E556C

**Protanopia**

4C526A

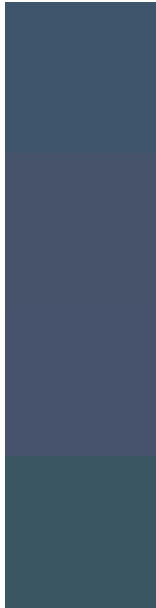
**Deuteranopia**

4C516D



**Tritanopia**  
3A575E

# Trichromacy



**Original Color**  
3E556C

**Protanomaly**  
47536B

**Deuteranomaly**  
47526D

**Tritanomaly**  
3B5663

# Monochromacy



**Original Color**  
3E556C

**Achromatopsia**  
515151

**Achromatomaly**  
4A525B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E556C 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 #3E556C looks like.

```
.text, #text, p{  
    color:#3E556C  
}
```

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 #3E556C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E556C
}
```

## Border

The CSS property to change the border of an element to Hex 3E556C 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".

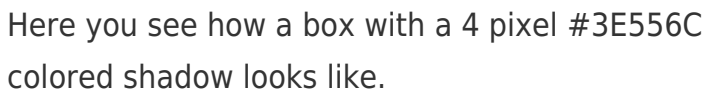
```
.border, #border, table{ border:4px solid
#3E556C }
```

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

```
.border{ border-color:#3E556C }
```

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

Here you see how a box with a 4 pixel #3E556C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E556C; -webkit-box-shadow:4px 4px  
4px 4px #3E556C; box-shadow:4px 4px 4px  
4px #3E556C }
```

# Background

The CSS property to change the background color of an element to Hex 3E556C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E556C }
```

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

```
.background{ background-color:#3E556C }
```

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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