

# Converting Colors

Hex(3D406E)

Have a look what the booklet for  
Hex(3D406E) contains.

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# Color

**Hex(3D406E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D406E
RGB	61, 64, 110
RGB Percent	24%, 25%, 43%
CMY	0.7608, 0.7490, 0.5686
CMYK	0.45, 0.42, 0.00, 0.57
HSL	236°, 29%, 34%
HSV	236°, 45%, 43%
XYZ	6.5723, 5.7847, 15.5220
YIQ	68.3470, -16.5540, 13.6700

# Conversions

## Conversions Part 2

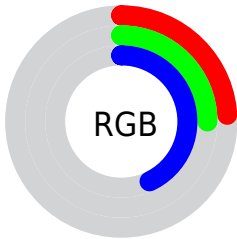
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 64, 110
Decimal	4014190
CIE <sub>Lab</sub>	28.86, 11.85, -27.13
CIE <sub>LCh</sub>	29, 29.605, 293.599
Yxy	5.7847, 0.2357, 0.2075
Android (android.graphics.Color)	4282204270 (0xFF3D406E)
YUV	68.3470, 20.5349, -6.4433
Hunter-Lab	24.0514, 6.6875, -21.4280

# Details

The Hex color **3D406E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E6B3D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6F70A2**, and **0A163E** is the 20% darker color. If you saturate the color by 10%, you get **32366E**, and if you desaturate by 10%, it is **484A6E**.

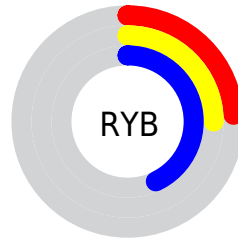
# Distribution



Red (24%)

Green (25%)

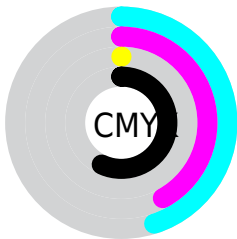
Blue (43%)



Red (24%)

Yellow (25%)

Blue (43%)

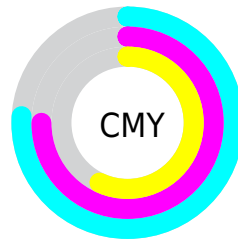


Cyan (45%)

Magenta (42%)

Yellow (0%)

Black (57%)



Cyan (76%)

Magenta (75%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D406E 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 3D406E by changing the saturation by 10% instead.



■ 3D406E

■ 3D406E

FFFFFF

■ 252A55

■ 6F70A2

■ 0A163E

■ 8989BD

■ 000028

■ A4A3D9

■ 000112

■ C0BEF6

■ 000000

■ DCDAFF

■ F9F6FF

■ 3D406E

■ 3D406E

■ 32366E

■ 484A6E

■ 272B6E

■ 53556E

■ 1C216E

■ 5E5F6E

■ 11176E

■ 69696E

■ 060C6E

■ 74746E

■ 00076E

■ 7F7E6E

■ 8A886E

■ 95936E

■ A09D6E

# Harmonies

## Analogous

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



004871



3D406E



5B375F

# Triad

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



3D406E



663820



004F3E

# Complementary

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



3D406E



6E6B3D

# 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.



234D28



3D406E



554115

# Square

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



3D406E



6E3133



3F4818



004F56

# Rectangle

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



3D406E



683252



3F4818



004F36



# Sweetspot

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



3D406E



7C7D8F



3D6E6B



3C3D47



C7C7C7



474747



# Same Dimension

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



3D406E



43488F



523D6E



323338



000778



000FF7



# Inverse Universe

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



6E3D40



8F4348



596E3D



383233



780007



F7000F



# Previews

## White Background



This preview shows how the Hex color 3D406E looks on a white background.

## Color Contrast Check

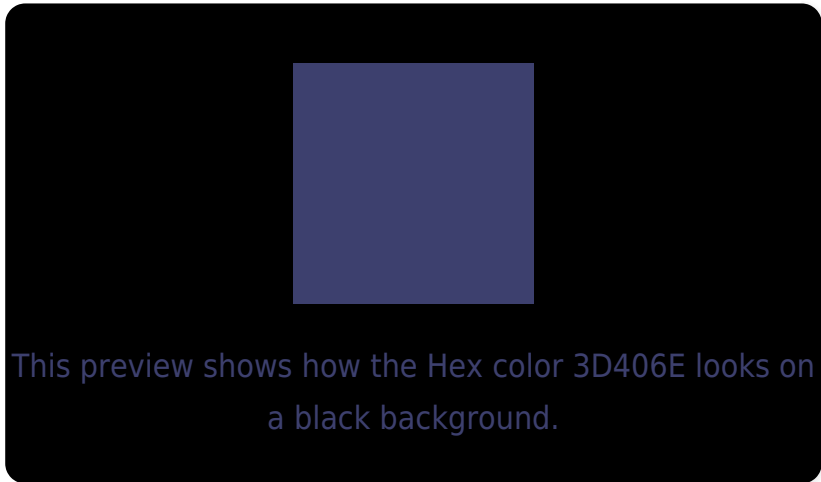
Large Text (above 18pt) WCAG AA ✓ Pass

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

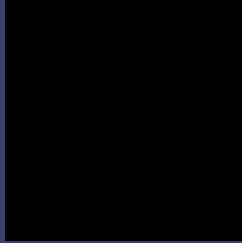
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D406E Background



This preview shows how black text looks on a background with the Hex color 3D406E.



This preview shows how white text looks on a background with the Hex color 3D406E.

# 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**  
3D406E

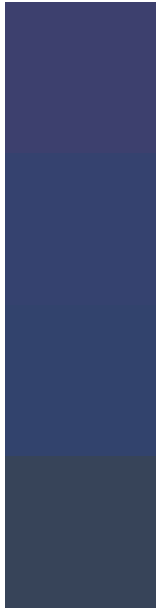
**Protanopia**  
314370

**Deuteranopia**  
2C446D



**Tritanopia**  
34474D

# Trichromacy



**Original Color**  
3D406E

**Protanomaly**  
35426F

**Deuteranomaly**  
32436D

**Tritanomaly**  
374459

# Monochromacy



**Original Color**  
3D406E

**Achromatopsia**  
444444

**Achromatomaly**  
414353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D406E 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 #3D406E looks like.

```
.text, #text, p{  
    color:#3D406E  
}
```

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 #3D406E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D406E
}
```

## Border

The CSS property to change the border of an element to Hex 3D406E is called "border". The border property can be set on classes, ids or directly on the HTML element.

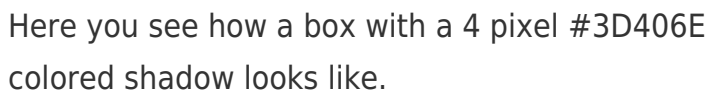
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D406E }
```

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

```
.border{ border-color:#3D406E }
```

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



Here you see how a box with a 4 pixel #3D406E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D406E; -webkit-box-shadow:4px 4px  
4px 4px #3D406E; box-shadow:4px 4px 4px  
4px #3D406E }
```

# Background

The CSS property to change the background color of an element to Hex 3D406E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D406E }
```

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

```
.background{ background-color:#3D406E }
```

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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