

# Converting Colors

Hex(383E67)

Have a look what the booklet for  
Hex(383E67) contains.

<b>Hex(383E67)</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(383E67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	383E67
RGB	56, 62, 103
RGB Percent	22%, 24%, 40%
CMY	0.7804, 0.7569, 0.5961
CMYK	0.46, 0.40, 0.00, 0.60
HSL	232°, 30%, 31%
HSV	232°, 46%, 40%
XYZ	5.8017, 5.2653, 13.5425
YIQ	64.8800, -16.7370, 11.4790

# Conversions

## Conversions Part 2

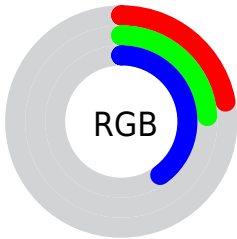
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 61, 103
Decimal	3685991
CIE <sub>Lab</sub>	27.48, 9.46, -24.87
CIE <sub>LCh</sub>	27, 26.612, 290.834
Yxy	5.2653, 0.2358, 0.2140
Android (android.graphics.Color)	4281876071 (0xFF383E67)
<b>YUV</b>	64.8800, 18.7932, -7.7878
Hunter-Lab	22.9462, 4.9760, -18.9297

# Details

The Hex color **383E67** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **676138**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **696D9A**, and **061438** is the 20% darker color. If you saturate the color by 10%, you get **2E3567**, and if you desaturate by 10%, it is **424767**.

# Distribution



Red (22%)

Green (24%)

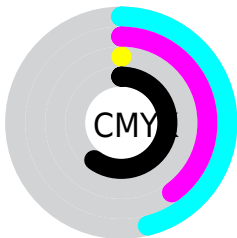
Blue (40%)



Red (22%)

Yellow (24%)

Blue (40%)

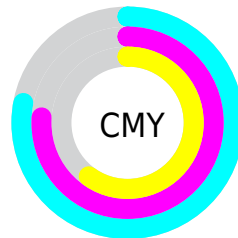


Cyan (46%)

Magenta (40%)

Yellow (0%)

Black (60%)



Cyan (78%)

Magenta (76%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 383E67 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 383E67 by changing the saturation by 10% instead.





383E67



383E67

FFFFFF



20284F



696D9A



061438



8387B5



000222



9EA1D1



000008



B9BCED



000000



D5D7FF



F2F4FF



383E67



383E67



2E3567



424767

■ 232C67

■ 4D5067

■ 192367

■ 575967

■ 0F1A67

■ 616267

■ 041167

■ 6C6B67

■ 000D67

■ 767467

■ 807D67

■ 8A8667

■ 958F67

# Harmonies

## Analogous

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



004569



383E67



54365B

# Triad

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



383E67



603622



004B3A

# Complementary

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



383E67



676138

# 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.



274826



383E67



523E17

# Square

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



383E67



673034



3F4419



004B4F

# Rectangle

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



383E67



60324F



3F4419



0F4A33



# Sweetspot

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



383E67



747787



386761



393B45



C4C4C4



454545



# Same Dimension

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



383E67



3D4687



493867



2E2F33



000F73



001FF2



# Inverse Universe

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



67383E



873D46



566738



332E2F



73000F



F2001F



# Previews

## White Background



This preview shows how the Hex color 383E67 looks on a white background.

## Color Contrast Check

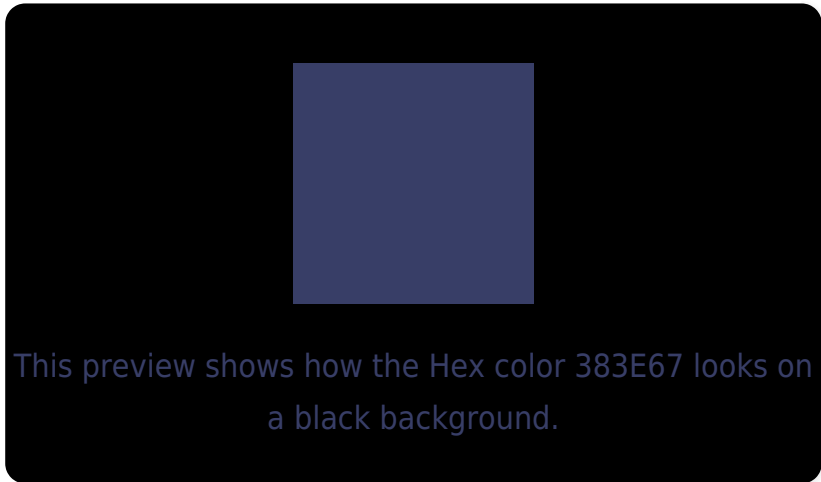
Large Text (above 18pt) WCAG AA ✓ Pass

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

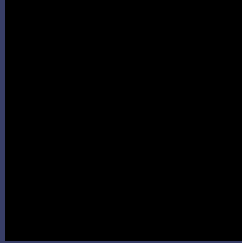
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 383E67 Background



This preview shows how black text looks on a background with the Hex color 383E67.



This preview shows how white text looks on a background with the Hex color 383E67.

# 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**

383E67

**Protanopia**

314068

**Deuteranopia**

2C4166



**Tritanopia**  
30444A

# Trichromacy



**Original Color**

383E67

**Protanomaly**

343F68

**Deuteranomaly**

304066

**Tritanomaly**

334255

# Monochromacy



**Original Color**

383E67

**Achromatopsia**

414141

**Achromatomaly**

3E404F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 383E67 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 #383E67 looks like.

```
.text, #text, p{  
    color:#383E67  
}
```

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 #383E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383E67  
}
```

## Border

The CSS property to change the border of an element to Hex 383E67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

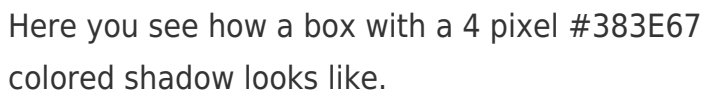
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#383E67 }
```

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

```
.border{ border-color:#383E67 }
```

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



Here you see how a box with a 4 pixel `#383E67` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383E67; -webkit-box-shadow:4px 4px  
4px 4px #383E67; box-shadow:4px 4px 4px  
4px #383E67 }
```

# Background

The CSS property to change the background color of an element to Hex 383E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383E67 }
```

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

```
.background{ background-color:#383E67 }
```

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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