

Converting Colors

Hex(383E75)

Have a look what the booklet for
Hex(383E75) contains.

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Color

Hex(383E75)

Conversions

Conversions Part 1

Format	Color
Hex	383E75
RGB	56, 62, 117
RGB Percent	22%, 24%, 46%
CMY	0.7804, 0.7569, 0.5412
CMYK	0.52, 0.47, 0.00, 0.54
HSL	234°, 35%, 34%
HSV	234°, 52%, 46%
XYZ	6.5644, 5.5704, 17.5588
YIQ	66.4760, -21.2310, 15.8330

Conversions

Conversions Part 2

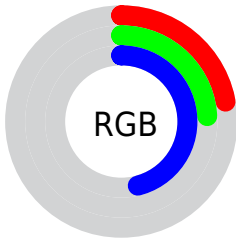
Format	Color
R_{YB}	56, 61, 117
Decimal	3686005
CIE _{Lab}	28.30, 14.19, -32.48
CIE _{LCh}	28, 35.443, 293.596
Yxy	5.5704, 0.2211, 0.1876
Android (android.graphics.Color)	4281876085 (0xFF383E75)
YUV	66.4760, 24.9083, -9.1875
Hunter-Lab	23.6016, 8.3440, -27.5887




Details

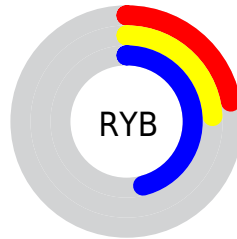
The Hex color **383E75** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **756F38**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **6B6DAA**, and **001444** is the 20% darker color. If you saturate the color by 10%, you get **2C3375**, and if you desaturate by 10%, it is **444975**.

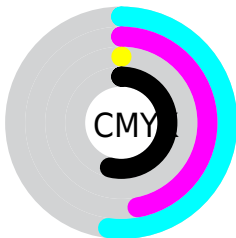
Distribution







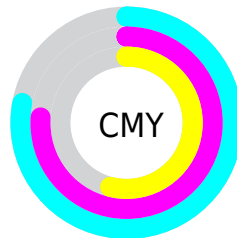
-  Red (22%)
-  Green (24%)
-  Blue (46%)






-  Red (22%)
-  Yellow (24%)
-  Blue (46%)



-  Cyan (52%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (78%)
-  Magenta (76%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383E75 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 383E75 by changing the saturation by 10% instead.

■ 383E75

■ 383E75

FFFFFF

■ 1E285C

■ 6B6DAA

■ 001444

■ 8687C5

■ 00002E

■ A1A1E1

■ 000118

■ BCBCFE

■ 000000

■ D9D7FF

■ F5F4FF

■ 383E75

■ 383E75

■ 2C3375

■ 444975

■ 212975

■ 4F5375

■ 151E75

■ 5B5E75

■ 091475

■ 676875

■ 000C75

■ 727375

■ 7E7D75

■ 8A8875

■ 969275

■ A19D75

Harmonies

Analogous

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



004879



383E75



5E3264

Triad

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



383E75



693417



004F3C

Complementary

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



383E75



756F38

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.



174D21



383E75



563F06

Square

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



383E75



732B2F



3C480A



005058

Rectangle

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



383E75



6C2B53



3C480A



004F32

Sweetspot

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



383E75



818399



38756F



3E3F4D



CCCCCC



4D4D4D

Same Dimension

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



383E75



394299



503875



35353B



000C7A



0019FA

Inverse Universe

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



75383E



993942



5D7538



3B3535



7A000C



FA0019

Previews

White Background



This preview shows how the Hex color 383E75 looks on a white background.

Color Contrast Check

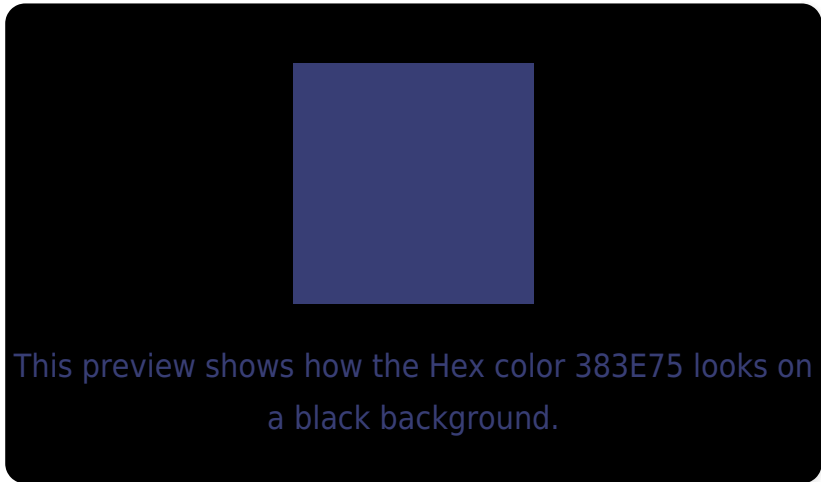
Large Text (above 18pt) WCAG AA ✓ Pass

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

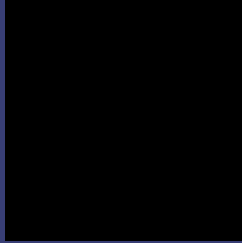
Any Text WCAG AA × Fail

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 383E75 Background



This preview shows how black text looks on a background with the Hex color 383E75.



This preview shows how white text looks on a background with the Hex color 383E75.

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](#).

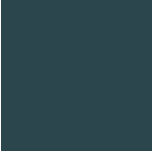
Dichromacy



Original Color
383E75

Protanopia
284178

Deuteranopia
1C4474



Tritanopia
2B474D

Trichromacy



Original Color
383E75

Protanomaly
2E4077

Deuteranomaly
264274

Tritanomaly
30445C

Monochromacy



Original Color
383E75

Achromatopsia
424242

Achromatomaly
3E4155

CSS Examples

Text

The CSS property to change the color of the text to Hex 383E75 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 #383E75 looks like.

```
.text, #text, p{  
    color:#383E75  
}
```

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 #383E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383E75  
}
```

Border

The CSS property to change the border of an element to Hex 383E75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

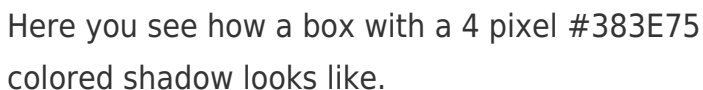
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#383E75 }
```

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

```
.border{ border-color:#383E75 }
```

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



Here you see how a box with a 4 pixel #383E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383E75; -webkit-box-shadow:4px 4px  
4px 4px #383E75; box-shadow:4px 4px 4px  
4px #383E75 }
```

Background

The CSS property to change the background color of an element to Hex 383E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383E75 }
```

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

```
.background{ background-color:#383E75 }
```

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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