

# Converting Colors

Hex(383D79)

Have a look what the booklet for  
Hex(383D79) contains.

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# Color

Hex(383D79)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	383D79
RGB	56, 61, 121
RGB Percent	22%, 24%, 47%
CMY	0.7804, 0.7608, 0.5255
CMYK	0.54, 0.50, 0.00, 0.53
HSL	235°, 37%, 35%
HSV	235°, 54%, 47%
XYZ	6.7508, 5.5587, 18.8063
YIQ	66.3450, -22.2400, 17.6000

# Conversions

## Conversions Part 2

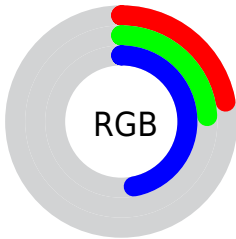
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 61, 121
Decimal	3685753
CIELab	28.27, 16.24, -35.05
CIELCh	28, 38.633, 294.865
Yxy	5.5587, 0.2170, 0.1786
Android (android.graphics.Color)	4281875833 (0xFF383D79)
YUV	66.3450, 26.9449, -9.0726
Hunter-Lab	23.5769, 9.8506, -30.7892

# Details

The Hex color **383D79** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **797438**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6C6CAE**, and **001348** is the 20% darker color. If you saturate the color by 10%, you get **2C3279**, and if you desaturate by 10%, it is **444879**.

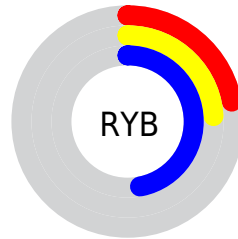
# Distribution



Red (22%)

Green (24%)

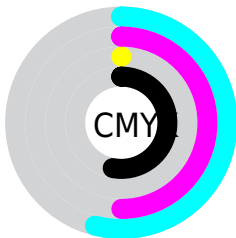
Blue (47%)



Red (22%)

Yellow (24%)

Blue (47%)

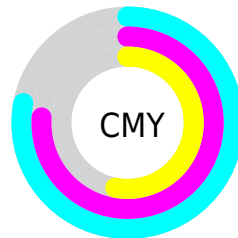


Cyan (54%)

Magenta (50%)

Yellow (0%)

Black (53%)



Cyan (78%)

Magenta (76%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 383D79 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 383D79 by changing the saturation by 10% instead.





383D79



383D79

FFFFFF



1D2760



6C6CAE



001348



8685C9



000031



A2A0E6



00011B



BDBBFF



000000



DAD6FF



F7F3FF



383D79



383D79



2C3279



444879

■ 202779

■ 505379

■ 141B79

■ 5C5F79

■ 081079

■ 686A79

■ 000979

■ 747579

■ 818079

■ 8D8B79

■ 999679

■ A5A279

# Harmonies

## Analogous

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



00487E



383D79



612F65

# Triad

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



383D79



6B3311



00503C

# Complementary

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



383D79



797438

# 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.



0B4E1E



383D79



554000

# Square

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



383D79



77272C



394803



00505B

# Rectangle

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



383D79



702753



394803



005032



# Sweetspot

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



383D79



85879E



387974



40414F



CFCFCF



4F4F4F



# Same Dimension

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



383D79



39419E



533879



37383D



000A7D



0013FC



# Inverse Universe

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



79383D



9E3941



5E7938



3D3738



7D000A



FC0013



# Previews

## White Background



This preview shows how the Hex color 383D79 looks on a white background.

## Color Contrast Check

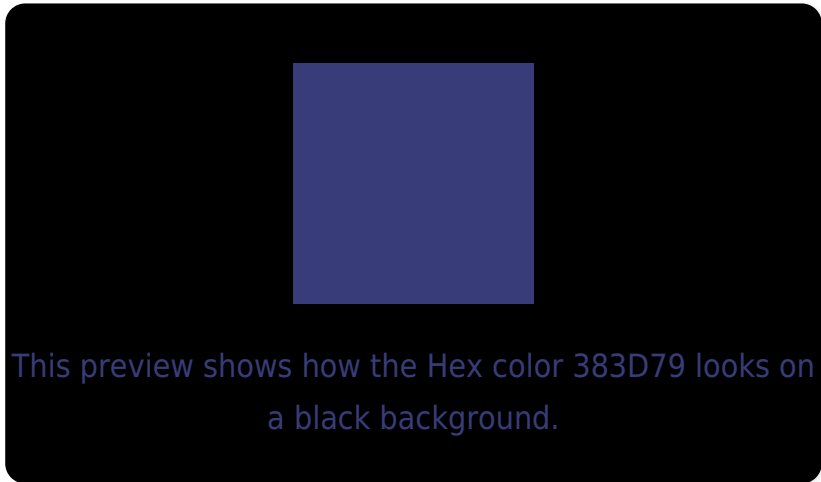
Large Text (above 18pt) WCAG AA ✓ Pass

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

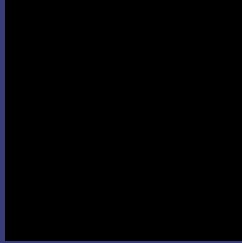
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 383D79 Background



This preview shows how black text looks on a background with the Hex color 383D79.

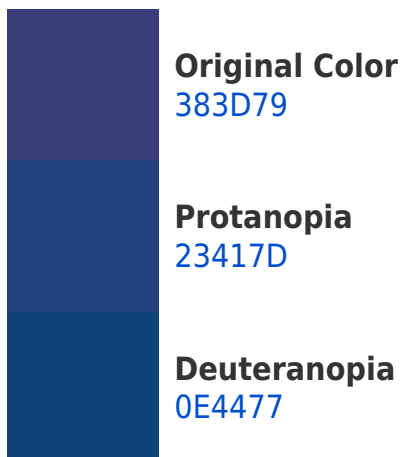


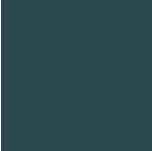
This preview shows how white text looks on a background with the Hex color 383D79.

# 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**  
29474D

# Trichromacy



**Original Color**  
383D79

**Protanomaly**  
2B407C

**Deuteranomaly**  
1D4178

**Tritanomaly**  
2E435D

# Monochromacy



**Original Color**  
383D79

**Achromatopsia**  
424242

**Achromatomaly**  
3E4056

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 383D79 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 #383D79 looks like.

```
.text, #text, p{  
    color:#383D79  
}
```

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 #383D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383D79
}
```

## Border

The CSS property to change the border of an element to Hex 383D79 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
#383D79 }
```

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

```
.border{ border-color:#383D79 }
```

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

Here you see how a box with a 4 pixel #383D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383D79; -webkit-box-shadow:4px 4px  
4px 4px #383D79; box-shadow:4px 4px 4px  
4px #383D79 }
```

# Background

The CSS property to change the background color of an element to Hex 383D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383D79 }
```

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

```
.background{ background-color:#383D79 }
```

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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