

# Converting Colors

Hex(383C56)

Have a look what the booklet for  
Hex(383C56) contains.

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# Color

Hex(383C56)

# Conversions

## Conversions Part 1

Format	Color
Hex	383C56
RGB	56, 60, 86
RGB Percent	22%, 24%, 34%
CMY	0.7804, 0.7647, 0.6627
CMYK	0.35, 0.30, 0.00, 0.66
HSL	232°, 21%, 28%
HSV	232°, 35%, 34%
XYZ	4.9265, 4.7444, 9.4602
YIQ	61.7680, -10.7300, 7.2380

# Conversions

## Conversions Part 2

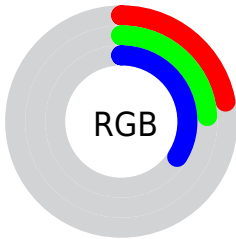
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 60, 86
Decimal	3685462
CIE <sub>Lab</sub>	25.99, 5.42, -16.18
CIE <sub>LCh</sub>	26, 17.061, 288.512
Y <sub>xy</sub>	4.7444, 0.2575, 0.2480
Android (android.graphics.Color)	4281875542 (0xFF383C56)
<b>YUV</b>	61.7680, 11.9464, -5.0585
Hunter-Lab	21.7815, 2.2547, -10.5039

# Details

The Hex color **383C56** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **565238**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **686B88**, and **0C1229** is the 20% darker color. If you saturate the color by 10%, you get **2F3556**, and if you desaturate by 10%, it is **414356**.

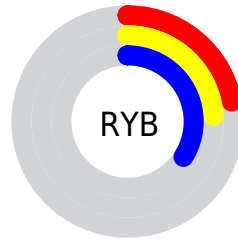
# Distribution



Red (22%)

Green (24%)

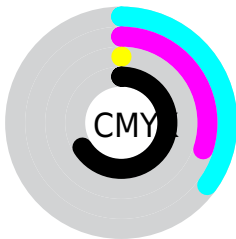
Blue (34%)



Red (22%)

Yellow (24%)

Blue (34%)

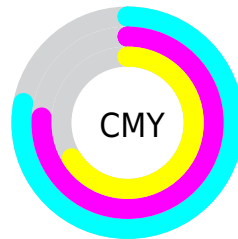


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (66%)



Cyan (78%)

Magenta (76%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 383C56 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 383C56 by changing the saturation by 10% instead.





383C56



383C56

FFFFFF



22263F



686B88



0C1229



8184A2



000114



9C9EBD



000000



B7B9D9



D2D5F6



EFF1FF



383C56



383C56



2F3556



414356

■ 272D56

■ 494B56

■ 1E2656

■ 525256

■ 161E56

■ 5A5A56

■ 0D1756

■ 636156

■ 040F56

■ 6C6956

■ 000B56

■ 747056

■ 7D7856

■ 857F56

# Harmonies

## Analogous

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



234057



383C56



49374F

# Triad

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



383C56



54372B



1F4438

# Complementary

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



383C56



565238

# 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.



2F422C



383C56



4B3B24

# Square

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



383C56



573436



3E3F25



114545

# Rectangle

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



383C56



513547



3E3F25



254434



# Sweetspot

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



383C56



656670



385652



313238



B8B8B8



383838



# Same Dimension

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



383C56



414770



433856



27282B



000E6B



001FEB



# Inverse Universe

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



56383C



704147



4B5638



2B2728



6B000E

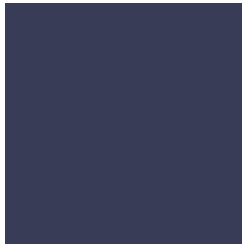


EB001F



# Previews

## White Background



This preview shows how the Hex color 383C56 looks on a white background.

## Color Contrast Check

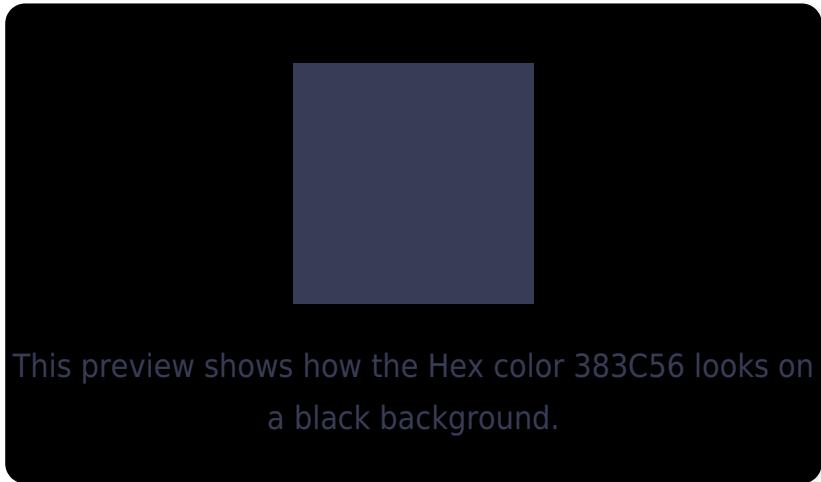
Large Text (above 18pt) WCAG AA ✓ Pass

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

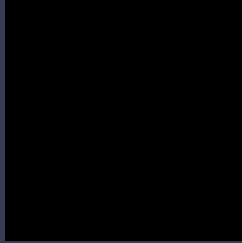
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 383C56 Background



This preview shows how black text looks on a background with the Hex color 383C56.

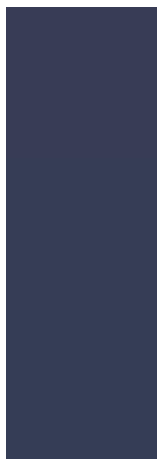


This preview shows how white text looks on a background with the Hex color 383C56.

# 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**  
383C56

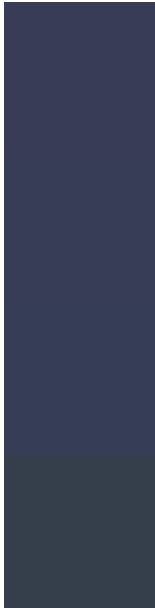
**Protanopia**  
363D56

**Deuteranopia**  
353D56



**Tritanopia**  
343F44

# Trichromacy



**Original Color**  
383C56

**Protanomaly**  
373D56

**Deuteranomaly**  
363D56

**Tritanomaly**  
353E4B

# Monochromacy



**Original Color**  
383C56

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
3C3D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 383C56 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 #383C56 looks like.

```
.text, #text, p{  
    color:#383C56  
}
```

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 #383C56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383C56
}
```

## Border

The CSS property to change the border of an element to Hex 383C56 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
#383C56 }
```

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

```
.border{ border-color:#383C56 }
```

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

Here you see how a box with a 4 pixel #383C56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383C56; -webkit-box-shadow:4px 4px  
4px 4px #383C56; box-shadow:4px 4px 4px  
4px #383C56 }
```

# Background

The CSS property to change the background color of an element to Hex 383C56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383C56 }
```

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

```
.background{ background-color:#383C56 }
```

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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