

# Converting Colors

Hex(383540)

Have a look what the booklet for  
Hex(383540) contains.

<b>Hex(383540)</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(383540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	383540
RGB	56, 53, 64
RGB Percent	22%, 21%, 25%
CMY	0.7804, 0.7922, 0.7490
CMYK	0.12, 0.17, 0.00, 0.75
HSL	256°, 9%, 23%
HSV	256°, 17%, 25%
XYZ	3.8294, 3.7571, 5.3739
YIQ	55.1510, -1.7430, 4.0570

# Conversions

## Conversions Part 2

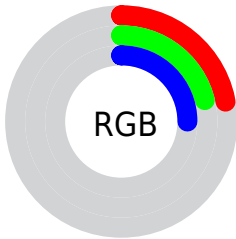
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	56, 53, 64
Decimal	3683648
CIE Lab	22.85, 3.95, -6.38
CIE LCh	23, 7.498, 301.745
Yxy	3.7571, 0.2955, 0.2899
Android (android.graphics.Color)	4281873728 (0xFF383540)
YUV	55.1510, 4.3626, 0.7446
Hunter-Lab	19.3833, 1.3440, -2.8693

# Details

The Hex color **383540** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D4035**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **676370**, and **0D0816** is the 20% darker color. If you saturate the color by 10%, you get **332F40**, and if you desaturate by 10%, it is **3D3B40**.

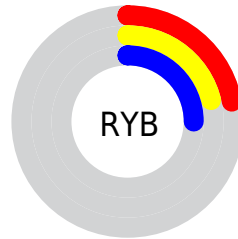
# Distribution



Red (22%)

Green (21%)

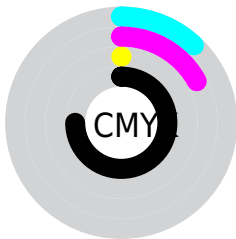
Blue (25%)



Red (22%)

Yellow (21%)

Blue (25%)

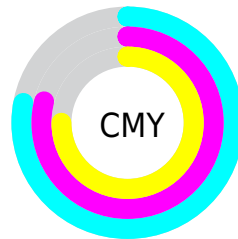


Cyan (12%)

Magenta (17%)

Yellow (0%)

Black (75%)



Cyan (78%)

Magenta (79%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 383540 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 383540 by changing the saturation by 10% instead.



■ 383540

■ 383540

FFFFFF

■ 23202A

■ 676370

■ 0D0816

■ 807C89

■ 000000

■ 9A96A3

■ B5B1BE

■ D0CCDA

■ EDE9F7

■ 383540

■ 383540

■ 332F40

■ 3D3B40

■ 2F2840

■ 414240

■ 2A2240

■ 464840

■ 251B40

■ 4B4F40

■ 211540

■ 4F5540

■ 1C0F40

■ 545B40

■ 170840

■ 596240

■ 130240

■ 5D6840

■ 110040

■ 626F40

# Harmonies

## Analogous

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



313742



383540



3E333C

# Triad

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



383540



40342D



293A37

# Complementary

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



383540



3D4035

# 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.



2E3931



383540



3B362B

# Square

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



383540



423331



34382D



283A3C

# Rectangle

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



383540



413338



34382D



2B3A35



# Sweetspot

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



383540



515054



353D40



29292B



ABABAB



2B2B2B



# Same Dimension

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



383540



474254



3D3540



1F1E21



1A0061



3D00E0



# Inverse Universe

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



40353D



54424F



384035



211E20



610046

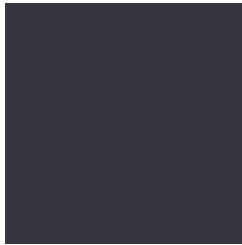


E000A3



# Previews

## White Background



This preview shows how the Hex color 383540 looks on a white background.

## Color Contrast Check

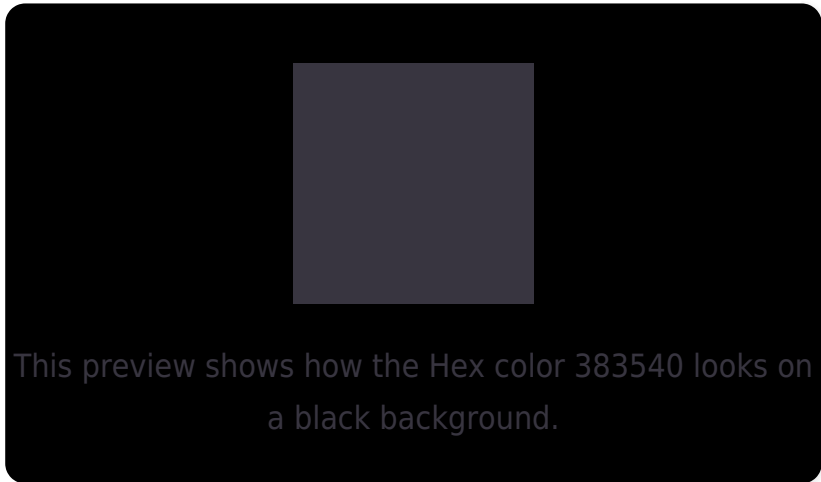
Large Text (above 18pt) WCAG AA ✓ Pass

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

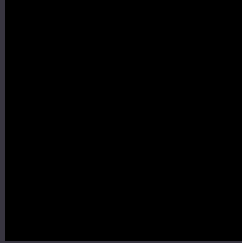
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 383540 Background



This preview shows how black text looks on a background with the Hex color 383540.

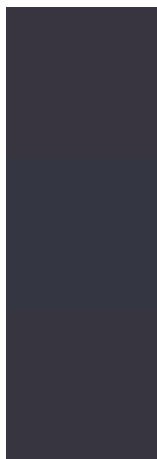


This preview shows how white text looks on a background with the Hex color 383540.

# 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**  
383540

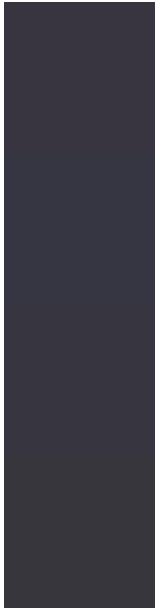
**Protanopia**  
343641

**Deuteranopia**  
373540



**Tritanopia**  
37363A

# Trichromacy



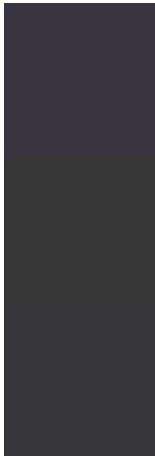
**Original Color**  
383540

**Protanomaly**  
353641

**Deuteranomaly**  
373540

**Tritanomaly**  
37363C

# Monochromacy



**Original Color**  
383540

**Achromatopsia**  
373737

**Achromatomaly**  
37363A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 383540 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 #383540 looks like.

```
.text, #text, p{  
    color:#383540  
}
```

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 #383540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383540
}
```

## Border

The CSS property to change the border of an element to Hex 383540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

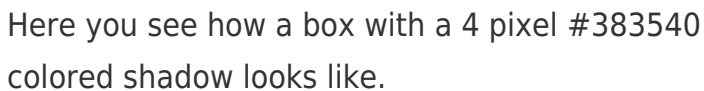
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383540 }
```

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

```
.border{ border-color:#383540 }
```

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



Here you see how a box with a 4 pixel #383540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383540; -webkit-box-shadow:4px 4px  
4px 4px #383540; box-shadow:4px 4px 4px  
4px #383540 }
```

# Background

The CSS property to change the background color of an element to Hex 383540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383540 }
```

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

```
.background{ background-color:#383540 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor