

# Converting Colors

Hex(380A5C)

Have a look what the booklet for  
Hex(380A5C) contains.

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# Color

**Hex(380A5C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	380A5C
RGB	56, 10, 92
RGB Percent	22%, 4%, 36%
CMY	0.7804, 0.9608, 0.6392
CMYK	0.39, 0.89, 0.00, 0.64
HSL	274°, 80%, 20%
HSV	274°, 89%, 36%
XYZ	3.6712, 1.8305, 10.2851
YIQ	33.1020, 1.0940, 35.2540

# Conversions

## Conversions Part 2

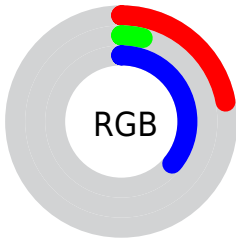
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 10, 92
Decimal	3672668
CIE <sub>Lab</sub>	14.57, 37.24, -38.38
CIE <sub>LCh</sub>	15, 53.475, 314.141
Yxy	1.8305, 0.2325, 0.1160
Android (android.graphics.Color)	4281862748 (0xFF380A5C)
YUV	33.1020, 29.0367, 20.0815
Hunter-Lab	13.5298, 24.7575, -35.6003

# Details

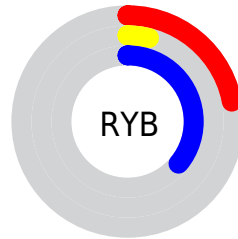
The Hex color **380A5C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E5C0A**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6B3B8F**, and **00002D** is the 20% darker color. If you saturate the color by 10%, you get **34015C**, and if you desaturate by 10%, it is **3C135C**.

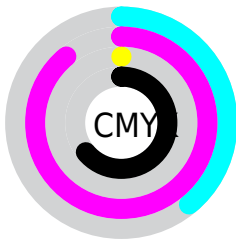
# Distribution



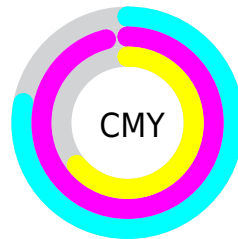
- Red (22%)
- Green (4%)
- Blue (36%)



- Red (22%)
- Yellow (4%)
- Blue (36%)



- Cyan (39%)
- Magenta (89%)
- Yellow (0%)
- Black (64%)



- Cyan (78%)
- Magenta (96%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 380A5C 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 380A5C by changing the saturation by 10% instead.



 380A5C

 380A5C

 FFF6FF

 200044

 6B3B8F

 00002D

 8654AA

 000117

 A16DC5

 000000

 BD87E2

 D9A1FE

 F6BDFF

 FFD9FF

 380A5C

 380A5C

■ 34015C

■ 3C135C

■ 34005C

■ 401C5C

■ 44265C

■ 482F5C

■ 4C385C

■ 50415C

■ 544A5C

■ 58545C

■ 5C5D5C

# Harmonies

## Analogous

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



002570



380A5C



5A003A

# Triad

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



380A5C



3F1B00



003336

# Complementary

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



380A5C



2E5C0A

# 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.



00320D



380A5C



1E2900

# Square

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



380A5C



560000



002F00



00335A

# Rectangle

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



380A5C



610022



002F00



003329



# Sweetspot

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



380A5C



6A5778



0A2F5C



352A3D



BDBDBD



3D3D3D



# Same Dimension

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



380A5C



430078



5C0A58



2C292E



3E006E



8500ED



# Inverse Universe

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



5C0A2E



780035



0A5C0E



2E292B



6E0030

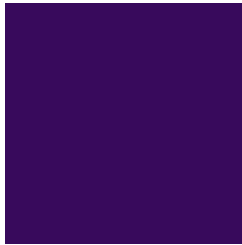


ED0068



# Previews

## White Background



This preview shows how the Hex color 380A5C looks on a white background.

## Color Contrast Check

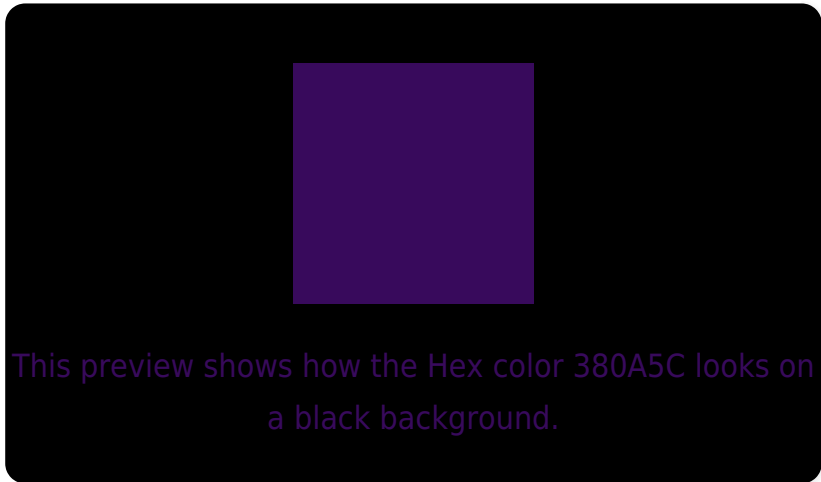
Large Text (above 18pt) WCAG AA ✓ Pass

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

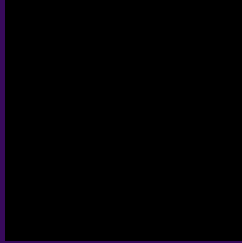
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 380A5C Background



This preview shows how black text looks on a background with the Hex color 380A5C.



This preview shows how white text looks on a background with the Hex color 380A5C.

# 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**  
380A5C

**Protanopia**  
00264F

**Deuteranopia**  
002844



# Trichromacy



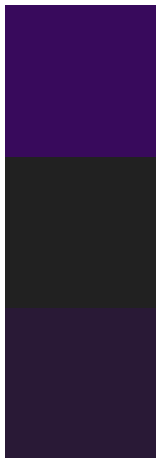
**Original Color**  
380A5C

**Protanomaly**  
141C54

**Deuteranomaly**  
141D4D

**Tritanomaly**  
311B3B

# Monochromacy



**Original Color**  
380A5C

**Achromatopsia**  
212121

**Achromatomaly**  
291936

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 380A5C 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 #380A5C looks like.

```
.text, #text, p{  
    color:#380A5C  
}
```

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 #380A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #380A5C
}
```

## Border

The CSS property to change the border of an element to Hex 380A5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

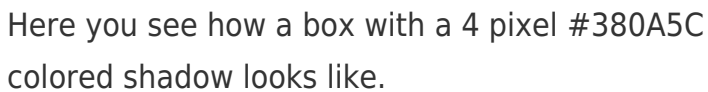
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#380A5C }
```

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

```
.border{ border-color:#380A5C }
```

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



Here you see how a box with a 4 pixel #380A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #380A5C; -webkit-box-shadow:4px 4px  
4px 4px #380A5C; box-shadow:4px 4px 4px  
4px #380A5C }
```

# Background

The CSS property to change the background color of an element to Hex 380A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#380A5C }
```

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

```
.background{ background-color:#380A5C }
```

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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