

# Converting Colors

Hex(380B59)

Have a look what the booklet for  
Hex(380B59) contains.

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# Color

**Hex(380B59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	380B59
RGB	56, 11, 89
RGB Percent	22%, 4%, 35%
CMY	0.7804, 0.9569, 0.6510
CMYK	0.37, 0.88, 0.00, 0.65
HSL	275°, 78%, 20%
HSV	275°, 88%, 35%
XYZ	3.5537, 1.8014, 9.6116
YIQ	33.3470, 1.7820, 33.7980

# Conversions

## Conversions Part 2

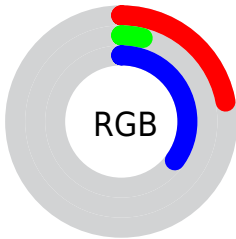
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 11, 89
Decimal	3672921
CIE <sub>Lab</sub>	14.41, 36.12, -36.62
CIE <sub>LCh</sub>	14, 51.441, 314.606
Yxy	1.8014, 0.2374, 0.1204
Android (android.graphics.Color)	4281863001 (0xFF380B59)
YUV	33.3470, 27.4369, 19.8667
Hunter-Lab	13.4215, 23.7754, -33.0645

# Details

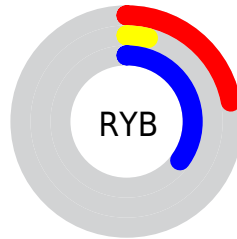
The Hex color **380B59** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2C590B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6B3C8C**, and **00002A** is the 20% darker color. If you saturate the color by 10%, you get **340259**, and if you desaturate by 10%, it is **3C1459**.

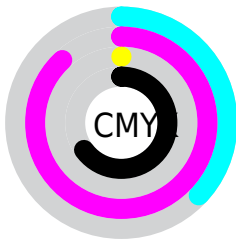
# Distribution



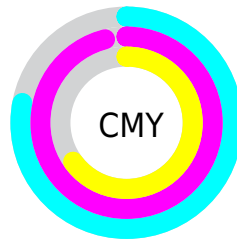
- Red (22%)
- Green (4%)
- Blue (35%)



- Red (22%)
- Yellow (4%)
- Blue (35%)



- Cyan (37%)
- Magenta (88%)
- Yellow (0%)
- Black (65%)



- Cyan (78%)
- Magenta (96%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 380B59 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 380B59 by changing the saturation by 10% instead.



 380B59

 380B59

 FFF6FF

 200041

 6B3C8C

 00002A

 8554A6

 000114

 A06DC2

 000000

 BC87DE

 D9A2FB

 F6BDFF

 FFD9FF

 380B59

 380B59

■ 340259

■ 3C1459

■ 330059

■ 401D59

■ 432659

■ 472F59

■ 4B3859

■ 4F4059

■ 524959

■ 565259

■ 5A5B59

# Harmonies

## Analogous

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



00246C



380B59



580039

# Triad

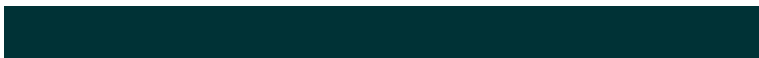
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



380B59



3D1C00



003236

# Complementary

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



380B59



2C590B

# 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.



00310F



380B59



1E2800

# Square

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



380B59



540000



002E00



003258

# Rectangle

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



380B59



5F0021



002E00



003229



# Sweetspot

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



380B59



665573



0B2D59



33283B



BABABA



3B3B3B



# Same Dimension

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



380B59



420073



590B54



2A272B



3E006B



8700EB



# Inverse Universe

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



590B2C



730031



0B5910



2B2729



6B002D

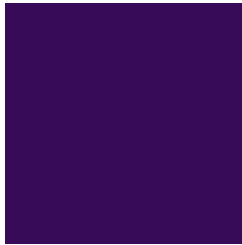


EB0063



# Previews

## White Background



This preview shows how the Hex color 380B59 looks on a white background.

## Color Contrast Check

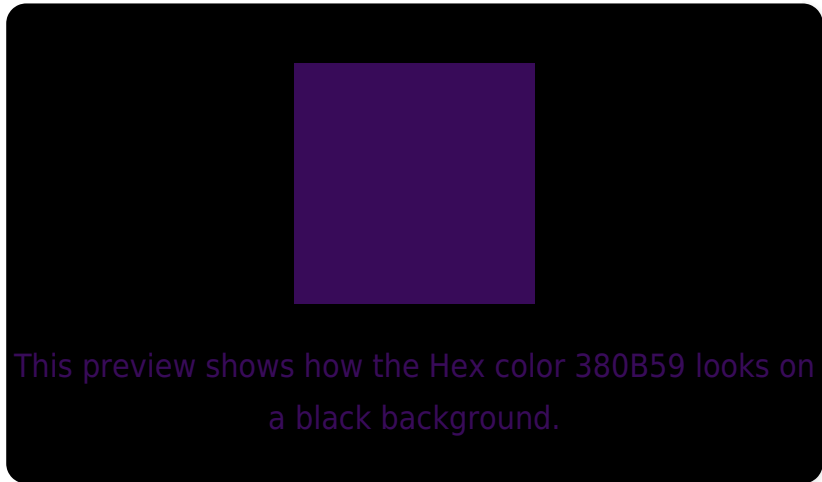
Large Text (above 18pt) WCAG AA ✓ Pass

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

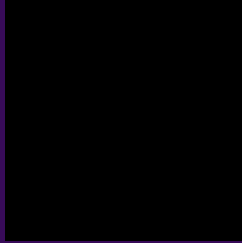
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 380B59 Background



This preview shows how black text looks on a background with the Hex color 380B59.



This preview shows how white text looks on a background with the Hex color 380B59.

# 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**  
380B59

**Protanopia**  
00254F

**Deuteranopia**  
002844



**Tritanopia**  
2E2427

# Trichromacy



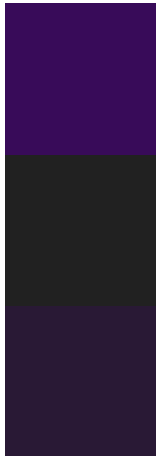
**Original Color**  
380B59

**Protanomaly**  
141C53

**Deuteranomaly**  
141D4C

**Tritanomaly**  
321B39

# Monochromacy



**Original Color**  
380B59

**Achromatopsia**  
212121

**Achromatomaly**  
291935

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 380B59 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 #380B59 looks like.

```
.text, #text, p{  
    color:#380B59  
}
```

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 #380B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #380B59
}
```

## Border

The CSS property to change the border of an element to Hex 380B59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

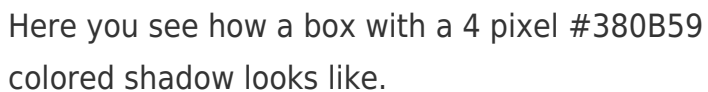
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#380B59 }
```

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

```
.border{ border-color:#380B59 }
```

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



Here you see how a box with a 4 pixel #380B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #380B59; -webkit-box-shadow:4px 4px  
4px 4px #380B59; box-shadow:4px 4px 4px  
4px #380B59 }
```

# Background

The CSS property to change the background color of an element to Hex 380B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#380B59 }
```

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

```
.background{ background-color:#380B59 }
```

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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