

Converting Colors

Hex(380083)

Have a look what the booklet for
Hex(380083) contains.

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Color

Hex(380083)

Conversions

Conversions Part 1

Format	Color
Hex	380083
RGB	56, 0, 131
RGB Percent	22%, 0%, 51%
CMY	0.7804, 1.0000, 0.4863
CMYK	0.57, 1.00, 0.00, 0.49
HSL	266°, 100%, 26%
HSV	266°, 100%, 51%
XYZ	5.7276, 2.4794, 21.6494
YIQ	31.6780, -8.6750, 52.6130

Conversions

Conversions Part 2

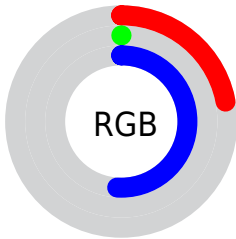
Format	Color
R_{YB}	56, 0, 131
Decimal	3670147
CIE _{Lab}	17.83, 50.23, -58.41
CIE _{LCh}	18, 77.038, 310.691
Yxy	2.4794, 0.1918, 0.0830
Android (android.graphics.Color)	4281860227 (0xFF380083)
YUV	31.6780, 48.9657, 21.3304
Hunter-Lab	15.7463, 37.3725, -70.4951

Details

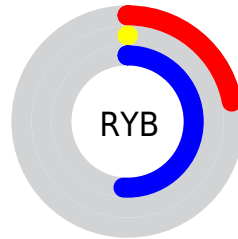
The Hex color **380083** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4B8300**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7139B9**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **380083**, and if you desaturate by 10%, it is **3F0D83**.

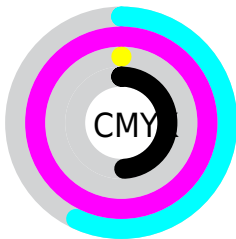
Distribution



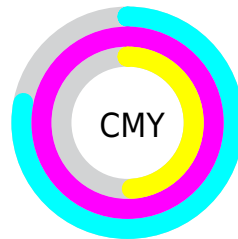
- Red (22%)
- Green (0%)
- Blue (51%)



- Red (22%)
- Yellow (0%)
- Blue (51%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (78%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 380083 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 380083 by changing the saturation by 10% instead.

 380083

 380083

 FFF7FF

 160069

 7139B9

 000050

 8D53D5

 000538

 AA6CF2

 000222

 C787FF

 000007

 E4A2FF

 000000

 FFBEFF

 FFDAFF

 380083

■ 3F0D83

■ 471A83

■ 4E2783

■ 563483

■ 5D4283

■ 654F83

■ 6C5C83

■ 746983

■ 7B7683

Harmonies

Analogous

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



00309E



380083



750052

Triad

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



380083



531900



003E3F

Complementary

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



380083



4B8300

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.



003C00



380083



243000

Square

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



380083



730000



003800



003F75

Rectangle

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



380083



82002E



003800



003E2C

Sweetspot

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



380083



8E78AB



004C83



453757



D6D6D6



575757

Same Dimension

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



380083



4900AB



780083



3F3C42



380082



010003

Inverse Universe

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



83004B



AB0062



0B8300



423C3F



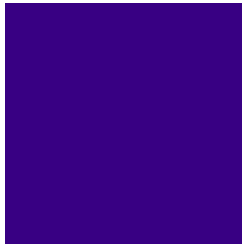
82004A



030001

Previews

White Background



This preview shows how the Hex color 380083 looks on a white background.

Color Contrast Check

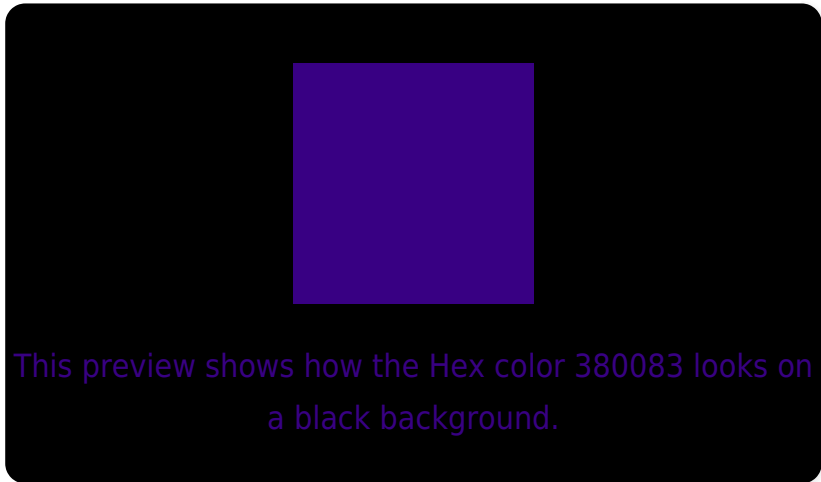
Large Text (above 18pt) WCAG AA ✓ Pass

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

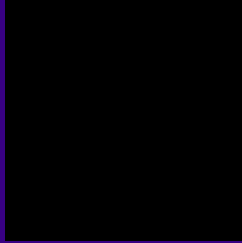
Any Text WCAG AA × Fail

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 380083 Background



This preview shows how black text looks on a background with the Hex color 380083.



This preview shows how white text looks on a background with the Hex color 380083.

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](#).

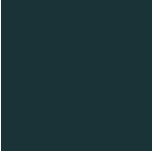
Dichromacy



Original Color
380083

Protanopia
002E60

Deuteranopia
003152



Tritanopia
1A3337

Trichromacy



Original Color
380083

Protanomaly
141D6D

Deuteranomaly
141F64

Tritanomaly
252053

Monochromacy



Original Color
380083

Achromatopsia
202020

Achromatomaly
291444

CSS Examples

Text

The CSS property to change the color of the text to Hex 380083 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 #380083 looks like.

```
.text, #text, p{  
    color:#380083  
}
```

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 #380083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #380083
}
```

Border

The CSS property to change the border of an element to Hex 380083 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
#380083 }
```

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

```
.border{ border-color:#380083 }
```

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

Here you see how a box with a 4 pixel #380083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #380083; -webkit-box-shadow:4px 4px  
4px 4px #380083; box-shadow:4px 4px 4px  
4px #380083 }
```

Background

The CSS property to change the background color of an element to Hex 380083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#380083 }
```

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

```
.background{ background-color:#380083 }
```

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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