

Converting Colors

Hex(380802)

Have a look what the booklet for
Hex(380802) contains.

Hex(380802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(380802)

Conversions

Conversions Part 1

Format	Color
Hex	380802
RGB	56, 8, 2
RGB Percent	22%, 3%, 1%
CMY	0.7804, 0.9686, 0.9922
CMYK	0.00, 0.86, 0.96, 0.78
HSL	7°, 93%, 11%
HSV	7°, 96%, 22%
XYZ	1.7287, 1.0188, 0.1630
YIQ	21.6680, 30.5340, 8.3100

Conversions

Conversions Part 2

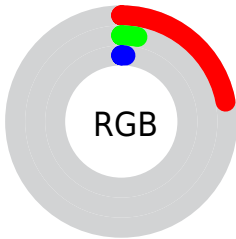
Format	Color
RYB	56, 9, 2
Decimal	3672066
CIELab	9.15, 23.10, 13.44
CIELCh	9, 26.724, 30.193
Yxy	1.0188, 0.5940, 0.3500
Android (android.graphics.Color)	4281862146 (0xFF380802)
YUV	21.6680, -9.6963, 30.1092
Hunter-Lab	10.0936, 12.9071, 6.1082

Details

The Hex color **380802** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **023238**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **6A3531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **380600**, and if you desaturate by 10%, it is **380D08**.

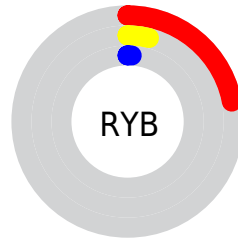
Distribution



Red (22%)

Green (3%)

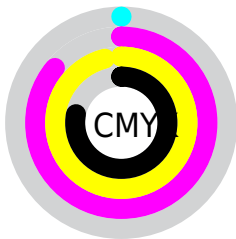
Blue (1%)



Red (22%)

Yellow (4%)

Blue (1%)

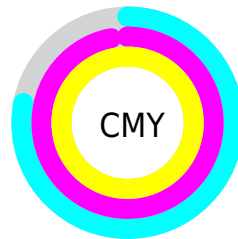


Cyan (0%)

Magenta (86%)

Yellow (96%)

Black (78%)



Cyan (78%)

Magenta (97%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 380802 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 380802 by changing the saturation by 10% instead.

 380802

 380802

 FFECE4

 210001

 6A3531

 000000

 854D47

 A0655F

 BC7F78

 D99992

 F6B4AC

 FFD0C7

 380802

 380802

■ 380600

■ 380D08

■ 38120D

■ 381713

■ 381C18

■ 38211E

■ 382624

■ 382B29

■ 38302F

■ 383534

Harmonies

Analogous

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



38051A



380802



2F1200

Triad

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



380802



002100



001C3E

Complementary

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



380802



023238

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.



002039



380802



002319

Square

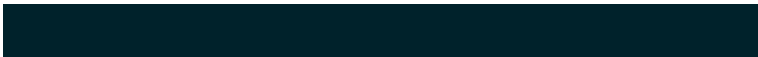
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



380802



0F1E00



00222B



181539

Rectangle

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



380802



271700



00222B



001E3D

Sweetspot

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



380802



4A3735



380233



261A19



A6A6A6



262626

Same Dimension

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



380802



4A0800



382202



1C1A19



5C0A00



DB1800

Inverse Universe

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



023238



00424A



021838



191C1C



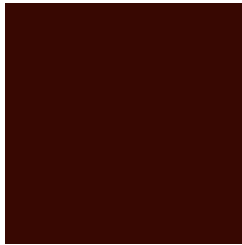
00525C



00C3DB

Previews

White Background



This preview shows how the Hex color 380802 looks on a white background.

Color Contrast Check

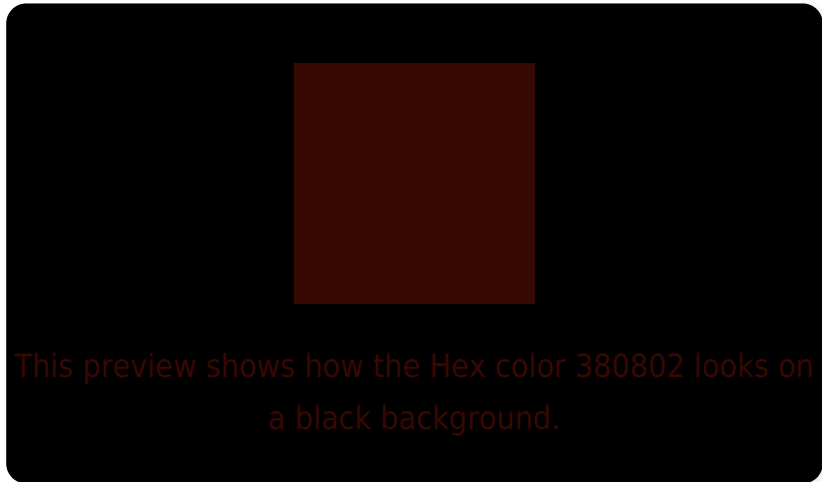
Large Text (above 18pt) WCAG AA ✓ Pass

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

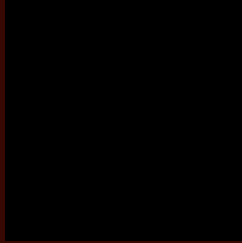
Any Text WCAG AA × Fail

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 380802 Background



This preview shows how black text looks on a background with the Hex color 380802.

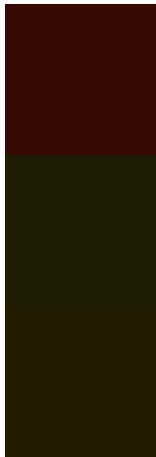


This preview shows how white text looks on a background with the Hex color 380802.

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
380802

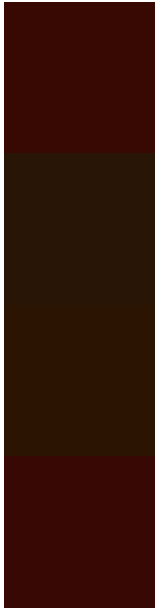
Protanopia
201D07

Deuteranopia
241B00



Tritanopia
380807

Trichromacy



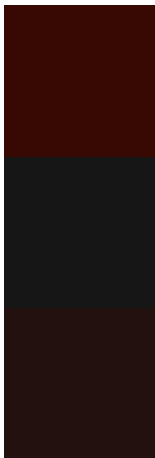
Original Color
380802

Protanomaly
291505

Deuteranomaly
2B1401

Tritanomaly
380805

Monochromacy



Original Color
380802

Achromatopsia
161616

Achromatomaly
22110F

CSS Examples

Text

The CSS property to change the color of the text to Hex 380802 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 #380802 looks like.

```
.text, #text, p{  
    color:#380802  
}
```

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 #380802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #380802
}
```

Border

The CSS property to change the border of an element to Hex 380802 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".

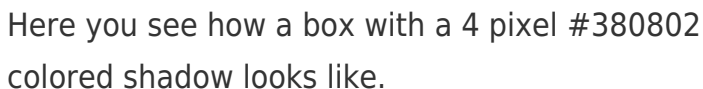
```
.border, #border, table{ border:4px solid
#380802 }
```

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

```
.border{ border-color:#380802 }
```

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

Here you see how a box with a 4 pixel #380802 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #380802; -webkit-box-shadow:4px 4px  
4px 4px #380802; box-shadow:4px 4px 4px  
4px #380802 }
```

Background

The CSS property to change the background color of an element to Hex 380802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#380802 }
```

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

```
.background{ background-color:#380802 }
```

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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