

# Converting Colors

Hex(10380B)

Have a look what the booklet for  
Hex(10380B) contains.

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# Color

**Hex(10380B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 10380B                     |
| RGB           | 16, 56, 11                 |
| RGB Percent   | 6%, 22%, 4%                |
| CMY           | 0.9373, 0.7804, 0.9569     |
| CMYK          | 0.71, 0.00, 0.80, 0.78     |
| HSL           | 113°, 67%, 13%             |
| HSV           | 113°, 80%, 22%             |
| XYZ           | 1.6883, 2.9627, 0.7995     |
| YIQ           | 38.9100, -9.3950, -22.4750 |

# Conversions

## Conversions Part 2

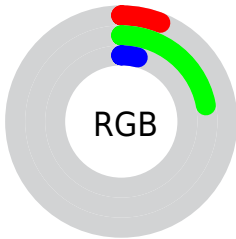
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 11, 56, 51                     |
| Decimal                             | 1062923                        |
| CIELab                              | 19.89, -24.26, 22.86           |
| CIELCh                              | 20, 33.334, 136.692            |
| Yxy                                 | 2.9627, 0.3097,<br>0.5436      |
| Android<br>(android.graphics.Color) | 4279253003<br>(0xFF10380B)     |
| YUV                                 | 38.9100, -13.7596,<br>-20.0921 |
| Hunter-Lab                          | 17.2124, -12.6137,<br>9.2948   |

# Details

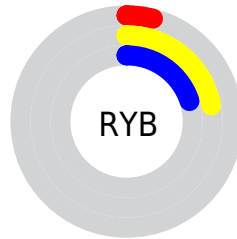
The Hex color **10380B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **330B38**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **406837**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B3805**, and if you desaturate by 10%, it is **153811**.

# Distribution



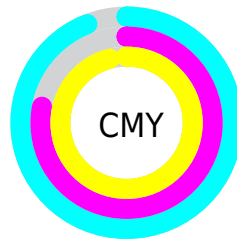
- Red (6%)
- Green (22%)
- Blue (4%)



- Red (4%)
- Yellow (22%)
- Blue (20%)



- Cyan (71%)
- Magenta (0%)
- Yellow (80%)
- Black (78%)



- Cyan (94%)
- Magenta (78%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10380B 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 10380B by changing the saturation by 10% instead.



 10380B

 10380B

 FCFEE

 002300

 406837

 000000

 59814F

 729B67

 8CB680

 A7D29B

 C3EEB6

 DFFFD1

 10380B

 10380B

■ 0B3805

■ 153811

■ 063800

■ 1A3816

■ 1F381C

■ 243821

■ 293827

■ 2E382D

■ 333832

■ 383838

■ 3D383D

# Harmonies

## Analogous

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



2F3300



10380B



003A24

# Triad

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



10380B



003660



5B1724

# Complementary

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



10380B



330B38

# 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.



56183C



10380B



152E5F

# Square

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



10380B



003A53



422352



54200C

# Rectangle

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



10380B



003B35



422352



5B162C



# Sweetspot

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



10380B



3A4A38



38330B



1C261B



A6A6A6



262626



# Same Dimension

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



10380B



0B4A03



0B381C



1A1C19



0A5C00



18DB00



# Inverse Universe

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



330B38



42034A



380B27



1C191C



52005C

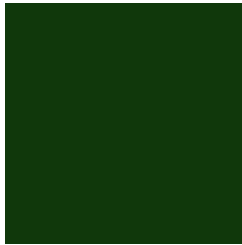


C300DB



# Previews

## White Background



This preview shows how the Hex color 10380B looks on a white background.

## Color Contrast Check

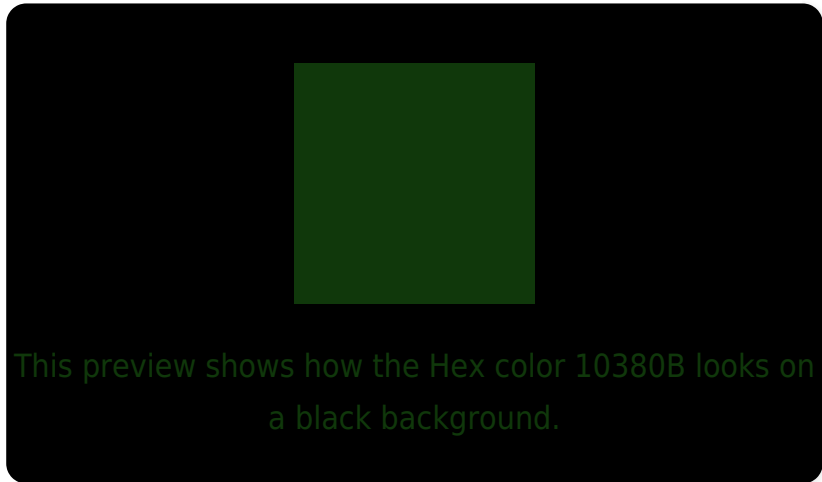
Large Text (above 18pt) WCAG AA ✓ Pass

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

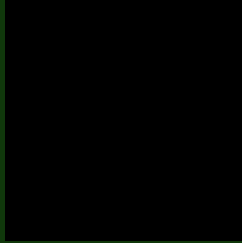
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 10380B Background



This preview shows how black text looks on a background with the Hex color 10380B.



This preview shows how white text looks on a background with the Hex color 10380B.

# 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](#).

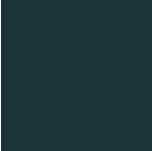
## Dichromacy



**Original Color**  
10380B

**Protanopia**  
363009

**Deuteranopia**  
3C2E10



**Tritanopia**  
1B3438

# Trichromacy



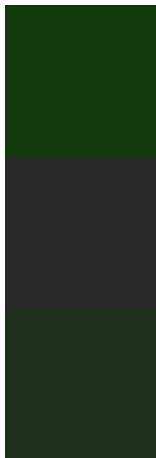
**Original Color**  
10380B

**Protanomaly**  
28330A

**Deuteranomaly**  
2C320E

**Tritanomaly**  
173528

# Monochromacy



**Original Color**  
10380B

**Achromatopsia**  
272727

**Achromatomaly**  
1F2D1D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10380B 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 #10380B looks like.

```
.text, #text, p{  
    color:#10380B  
}
```

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 #10380B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10380B
}
```

## Border

The CSS property to change the border of an element to Hex 10380B 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".

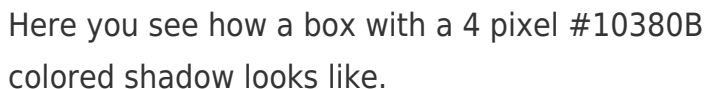
```
.border, #border, table{ border:4px solid
#10380B }
```

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

```
.border{ border-color:#10380B }
```

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

Here you see how a box with a 4 pixel #10380B colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10380B; -webkit-box-shadow:4px 4px  
4px 4px #10380B; box-shadow:4px 4px 4px  
4px #10380B }
```

# Background

The CSS property to change the background color of an element to Hex 10380B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10380B }
```

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

```
.background{ background-color:#10380B }
```

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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