

Converting Colors

Hex(383B15)

Have a look what the booklet for
Hex(383B15) contains.

Hex(383B15)	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(383B15)

Conversions

Conversions Part 1

Format	Color
Hex	383B15
RGB	56, 59, 21
RGB Percent	22%, 23%, 8%
CMY	0.7804, 0.7686, 0.9176
CMYK	0.05, 0.00, 0.64, 0.77
HSL	65°, 48%, 16%
HSV	65°, 64%, 23%
XYZ	3.3302, 4.0228, 1.3104
YIQ	53.7710, 10.4100, -12.4540

Conversions

Conversions Part 2

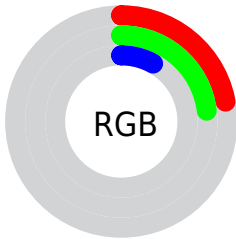
Format	Color
R_{YB}	21, 59, 24
Decimal	3685141
CIE _{Lab}	23.75, -7.71, 22.70
CIE _{LCh}	24, 23.970, 108.765
Yxy	4.0228, 0.3844, 0.4643
Android (android.graphics.Color)	4281875221 (0xFF383B15)
YUV	53.7710, -16.1561, 1.9548
Hunter-Lab	20.0570, -5.4620, 10.1662

Details

The Hex color **383B15** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18153B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **686A41**, and **011100** is the 20% darker color. If you saturate the color by 10%, you get **383B0F**, and if you desaturate by 10%, it is **383B1B**.

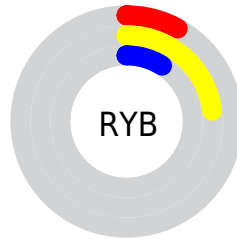
Distribution



Red (22%)

Green (23%)

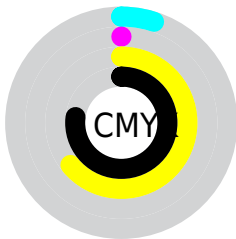
Blue (8%)



Red (8%)

Yellow (23%)

Blue (9%)

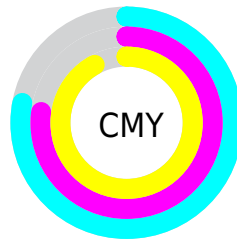


Cyan (5%)

Magenta (0%)

Yellow (64%)

Black (77%)



Cyan (78%)

Magenta (77%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383B15 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 383B15 by changing the saturation by 10% instead.

 383B15

 383B15

 FFFFFA

 232500

 686A41

 011100

 828359

 000000

 9C9D72

 B7B88B

 D3D4A6

 F0F0C1

 FFFFDD

 383B15

 383B15

■ 383B0F

■ 383B1B

■ 373B09

■ 393B21

■ 373B03

■ 393B27

■ 363B00

■ 3A3B2D

■ 3A3B32

■ 3B3B38

■ 3B3B3E

■ 3C3B44

■ 3C3B4A

Harmonies

Analogous

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



493514



383B15



233F20

Triad

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



383B15



004053



562A40

Complementary

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



383B15



18153B

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.



482F50



383B15



003C5C

Square

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



383B15



004243



2F365B



5A2A2E

Rectangle

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



383B15



10412B



2F365B



532B46

Sweetspot

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



383B15



4B4D3E



3B1815



26261D



A6A6A6



262626

Same Dimension

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



383B15



484D12



253B15



1E1F1C



575E00



CCDE00

Inverse Universe

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



18153B



16124D



2B153B



1C1C1F



07005E



1200DE

Previews

White Background



This preview shows how the Hex color 383B15 looks on a white background.

Color Contrast Check

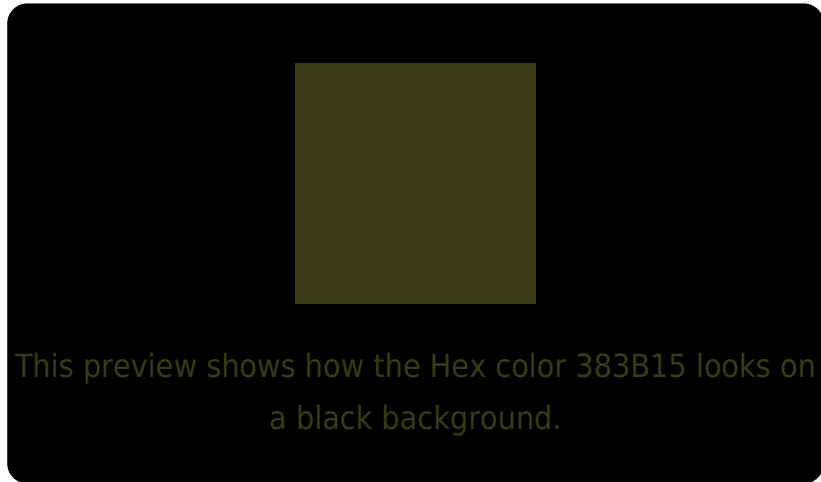
Large Text (above 18pt) WCAG AA ✓ Pass

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

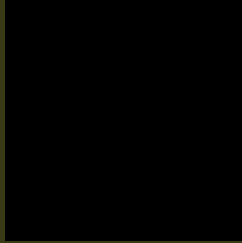
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

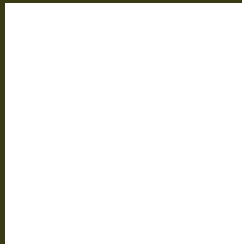
Any Text WCAG AAA × Fail

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

Hex 383B15 Background



This preview shows how black text looks on a background with the Hex color 383B15.

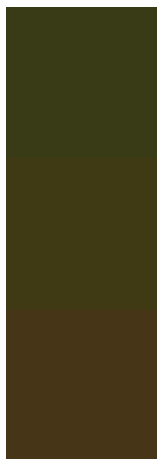


This preview shows how white text looks on a background with the Hex color 383B15.

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
383B15

Protanopia
3F3914

Deuteranopia
463617



Tritanopia
3C373C

Trichromacy



Original Color
383B15

Protanomaly
3C3A14

Deuteranomaly
413816

Tritanomaly
3B382E

Monochromacy



Original Color
383B15

Achromatopsia
363636

Achromatomaly
37382A

CSS Examples

Text

The CSS property to change the color of the text to Hex 383B15 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 #383B15 looks like.

```
.text, #text, p{  
    color:#383B15  
}
```

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 #383B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383B15
}
```

Border

The CSS property to change the border of an element to Hex 383B15 is called "border". The border property can be set on classes, ids or directly on the HTML element.

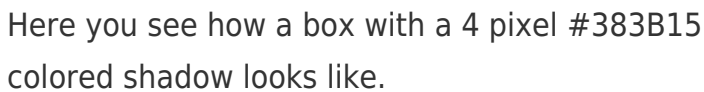
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383B15 }
```

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

```
.border{ border-color:#383B15 }
```

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



Here you see how a box with a 4 pixel #383B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383B15; -webkit-box-shadow:4px 4px  
4px 4px #383B15; box-shadow:4px 4px 4px  
4px #383B15 }
```

Background

The CSS property to change the background color of an element to Hex 383B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383B15 }
```

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

```
.background{ background-color:#383B15 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor