

Converting Colors

Hex(383A13)

Have a look what the booklet for
Hex(383A13) contains.

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Color

Hex(383A13)

Conversions

Conversions Part 1

Format	Color
Hex	383A13
RGB	56, 58, 19
RGB Percent	22%, 23%, 7%
CMY	0.7804, 0.7725, 0.9255
CMYK	0.03, 0.00, 0.67, 0.77
HSL	63°, 51%, 15%
HSV	63°, 67%, 23%
XYZ	3.2615, 3.9139, 1.1997
YIQ	52.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

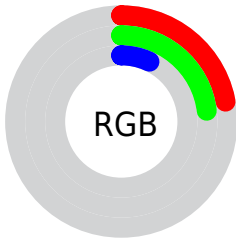
Format	Color
R_{YB}	19, 58, 21
Decimal	3684883
CIE Lab	23.38, -7.28, 23.40
CIE LCh	23, 24.508, 107.288
Yxy	3.9139, 0.3894, 0.4673
Android (android.graphics.Color)	4281874963 (0xFF383A13)
YUV	52.9560, -16.7403, 2.6696
Hunter-Lab	19.7835, -5.1939, 10.2532

Details

The Hex color **383A13** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15133A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **68693F**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **383A0D**, and if you desaturate by 10%, it is **383A19**.

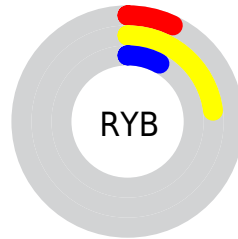
Distribution



Red (22%)

Green (23%)

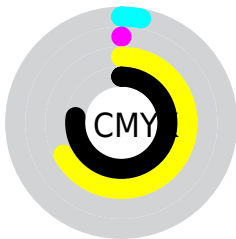
Blue (7%)



Red (7%)

Yellow (23%)

Blue (8%)

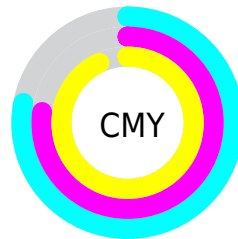


Cyan (3%)

Magenta (0%)

Yellow (67%)

Black (77%)



Cyan (78%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383A13 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 383A13 by changing the saturation by 10% instead.

 383A13

 383A13

 FFFFF7

 232400

 68693F

 001000

 828257

 000000

 9C9C70

 B7B789

 D3D2A4

 F0EFBF

 FFFFDB

 383A13

 383A13

■ 383A0D

■ 383A19

■ 373A07

■ 393A1F

■ 373A02

■ 393A24

■ 373A00

■ 393A2A

■ 393A30

■ 3A3A36

■ 3A3A3C

■ 3A3A41

■ 3B3A47

Harmonies

Analogous

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



493413



383A13



233E1E

Triad

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



383A13



004052



562940

Complementary

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



383A13



15133A

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.



462F51



383A13



003C5B

Square

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



383A13



004142



2C365B



5A282E

Rectangle

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



383A13



0F4029



2C365B



522A46

Sweetspot

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



383A13



4C4D3D



3A1513



26261D



A6A6A6



262626

Same Dimension

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



383A13



494D0F



253A13



1C1C19



575C00



D0DB00

Inverse Universe

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



15133A



120F4D



28133A



19191C



05005C



0B00DB

Previews

White Background



This preview shows how the Hex color 383A13 looks on a white background.

Color Contrast Check

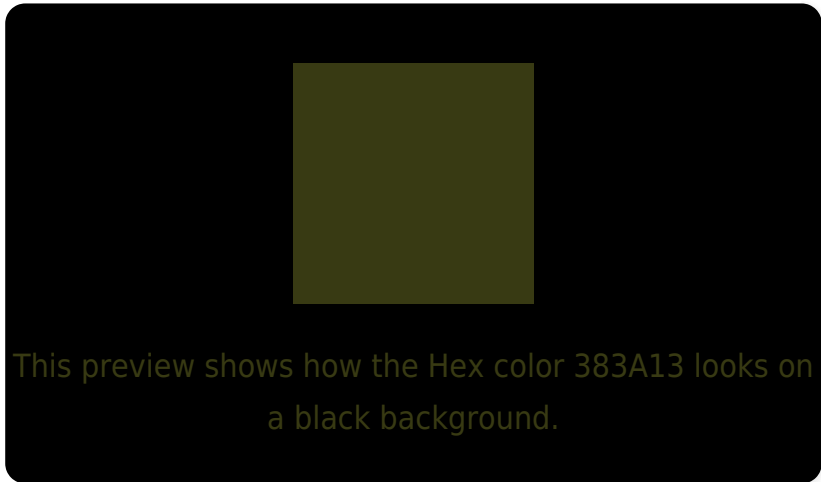
Large Text (above 18pt) WCAG AA ✓ Pass

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

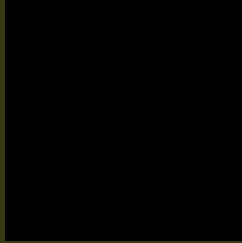
Any Text WCAG AA × Fail

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 383A13 Background



This preview shows how black text looks on a background with the Hex color 383A13.



This preview shows how white text looks on a background with the Hex color 383A13.

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
383A13

Protanopia
3E3812

Deuteranopia
463515



Tritanopia
3C363A

Trichromacy



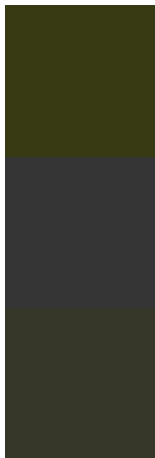
Original Color
383A13

Protanomaly
3C3912

Deuteranomaly
413714

Tritanomaly
3B372C

Monochromacy



Original Color
383A13

Achromatopsia
353535

Achromatomaly
363729

CSS Examples

Text

The CSS property to change the color of the text to Hex 383A13 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 #383A13 looks like.

```
.text, #text, p{  
    color:#383A13  
}
```

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 #383A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383A13
}
```

Border

The CSS property to change the border of an element to Hex 383A13 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
#383A13 }
```

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

```
.border{ border-color:#383A13 }
```

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

Here you see how a box with a 4 pixel #383A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383A13; -webkit-box-shadow:4px 4px  
4px 4px #383A13; box-shadow:4px 4px 4px  
4px #383A13 }
```

Background

The CSS property to change the background color of an element to Hex 383A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383A13 }
```

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

```
.background{ background-color:#383A13 }
```

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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