

Converting Colors

Hex(383B23)

Have a look what the booklet for
Hex(383B23) contains.

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Color

Hex(383B23)

Conversions

Conversions Part 1	
Format	Color
Hex	383B23
RGB	56, 59, 35
RGB Percent	22%, 23%, 14%
CMY	0.7804, 0.7686, 0.8627
CMYK	0.05, 0.00, 0.41, 0.77
HSL	68°, 26%, 18%
HSV	68°, 41%, 23%
XYZ	3.4982, 4.0900, 2.1952
YIQ	55.3670, 5.9160, -8.1000

Conversions

Conversions Part 2

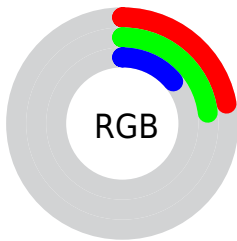
Format	Color
RYB	35, 59, 38
Decimal	3685155
CIELab	23.97, -5.95, 14.47
CIELCh	24, 15.651, 112.355
Yxy	4.0900, 0.3576, 0.4181
Android (android.graphics.Color)	4281875235 (0xFF383B23)
YUV	55.3670, -10.0409, 0.5551
Hunter-Lab	20.2238, -4.5156, 7.7211

Details

The Hex color **383B23** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26233B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **676A50**, and **071100** is the 20% darker color. If you saturate the color by 10%, you get **373B1D**, and if you desaturate by 10%, it is **393B29**.

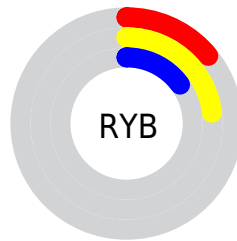
Distribution



Red (22%)

Green (23%)

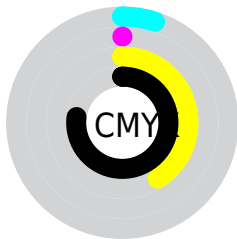
Blue (14%)



Red (14%)

Yellow (23%)

Blue (15%)

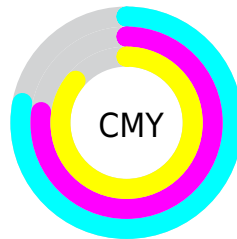


Cyan (5%)

Magenta (0%)

Yellow (41%)

Black (77%)



Cyan (78%)

Magenta (77%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383B23 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 383B23 by changing the saturation by 10% instead.

 383B23

 383B23

FFFFFF

 22250E

 676A50

 071100

 818368

 000000

 9B9D81

 B6B89B

 D1D4B6

 EEF0D2

 FFFFEE

 383B23

 383B23

 373B1D

 393B29

 373B17

 393B2F

 363B11

 3A3B35

 353B0B

 3B3B3B

 343B05

 3C3B41

 343B00

 3C3B46

 3D3B4C

 3E3B52

 3F3B58

Harmonies

Analogous

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



443722



383B23



2A3E2A

Triad

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



383B23



143E4B



4E303D

Complementary

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



383B23



26233B

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.



453347



383B23



243B50

Square

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



383B23



113F42



36374F



503131

Rectangle

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



383B23



213F32



36374F



4C3140

Sweetspot

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



383B23



4B4D43



3B2623



262621



A6A6A6



262626

Same Dimension

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



383B23



484D27



2C3B23



1E1F1C



535E00



C2DE00

Inverse Universe

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



26233B



2C274D



32233B



1C1C1F



0C005E



1C00DE

Previews

White Background



This preview shows how the Hex color 383B23 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



This preview shows how the Hex color 383B23 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

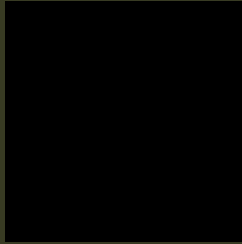
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

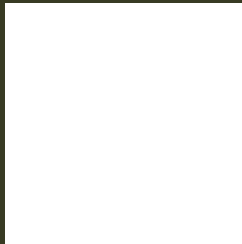
Any Text WCAG AAA × Fail

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

Hex 383B23 Background



This preview shows how black text looks on a background with the Hex color 383B23.

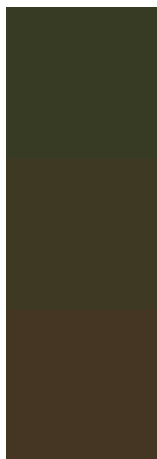


This preview shows how white text looks on a background with the Hex color 383B23.

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

383B23

Protanopia

3E3922

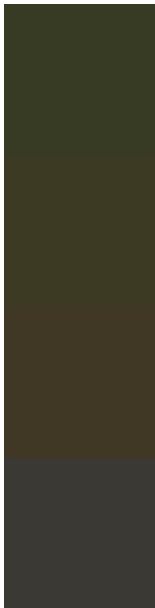
Deuteranopia

453624



Tritanopia
3B383C

Trichromacy



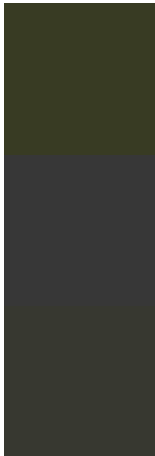
Original Color
383B23

Protanomaly
3C3A22

Deuteranomaly
403824

Tritanomaly
3A3933

Monochromacy



Original Color
383B23

Achromatopsia
373737

Achromatomaly
373830

CSS Examples

Text

The CSS property to change the color of the text to Hex 383B23 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 #383B23 looks like.

```
.text, #text, p{  
    color:#383B23  
}
```

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 #383B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383B23
}
```

Border

The CSS property to change the border of an element to Hex 383B23 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
#383B23 }
```

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

```
.border{ border-color:#383B23 }
```

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

Here you see how a box with a 4 pixel #383B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383B23; -webkit-box-shadow:4px 4px  
4px 4px #383B23; box-shadow:4px 4px 4px  
4px #383B23 }
```

Background

The CSS property to change the background color of an element to Hex 383B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383B23 }
```

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

```
.background{ background-color:#383B23 }
```

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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