

Converting Colors

Hex(383320)

Have a look what the booklet for
Hex(383320) contains.

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Color

Hex(383320)

Conversions

Conversions Part 1

Format	Color
Hex	383320
RGB	56, 51, 32
RGB Percent	22%, 20%, 13%
CMY	0.7804, 0.8000, 0.8745
CMYK	0.00, 0.09, 0.43, 0.78
HSL	48°, 27%, 17%
HSV	48°, 43%, 22%
XYZ	3.0754, 3.3127, 1.8438
YIQ	50.3290, 9.0790, -4.8490

Conversions

Conversions Part 2

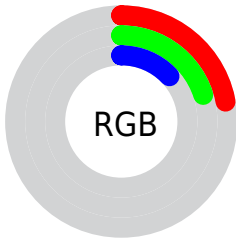
Format	Color
R_{YB}	38, 56, 32
Decimal	3683104
CIE Lab	21.26, -1.25, 12.87
CIE LCh	21, 12.935, 95.563
Yxy	3.3127, 0.3736, 0.4024
Android (android.graphics.Color)	4281873184 (0xFF383320)
YUV	50.3290, -9.0362, 4.9735
Hunter-Lab	18.2008, -1.6899, 6.7342

Details

The Hex color **383320** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **202538**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **67614C**, and **040500** is the 20% darker color. If you saturate the color by 10%, you get **38321A**, and if you desaturate by 10%, it is **383426**.

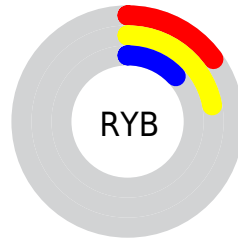
Distribution



Red (22%)

Green (20%)

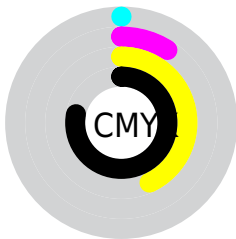
Blue (13%)



Red (15%)

Yellow (22%)

Blue (13%)

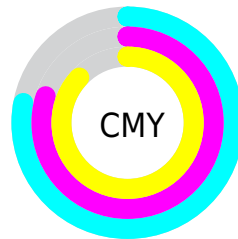


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383320 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 383320 by changing the saturation by 10% instead.

■ 383320

■ 383320

FFFFFF

■ 231E09

■ 67614C

■ 040500

■ 817A64

■ 000000

■ 9B947D

■ B6AE97

■ D2CAB2

■ EEE6CD

■ FFFFEA

■ 383320

■ 383320

■ 38321A

■ 383426

■ 383115

■ 38352B

■ 38300F

■ 383731

■ 382E0A

■ 383836

■ 382D04

■ 38393C

■ 382C00

■ 383A42

■ 383B47

■ 383C4D

■ 383D52

Harmonies

Analogous

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



403022



383320



2E3623

Triad

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



383320



15383E



412D3B

Complementary

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



383320



202538

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.



373043



383320



1C3644

Square

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



383320



193835



293346



462C32

Rectangle

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



383320



263728



293346



3E2E3E

Sweetspot

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



383320



4A4840



382025



262520



A6A6A6



262626

Same Dimension

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



383320



4A4224



313820



1C1B19



5C4900



DBAE00

Inverse Universe

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



202538



242C4A



272038



191A1C



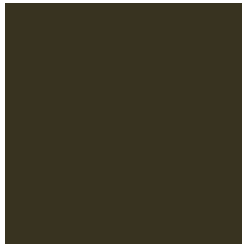
00135C



002EDB

Previews

White Background



This preview shows how the Hex color 383320 looks on a white background.

Color Contrast Check

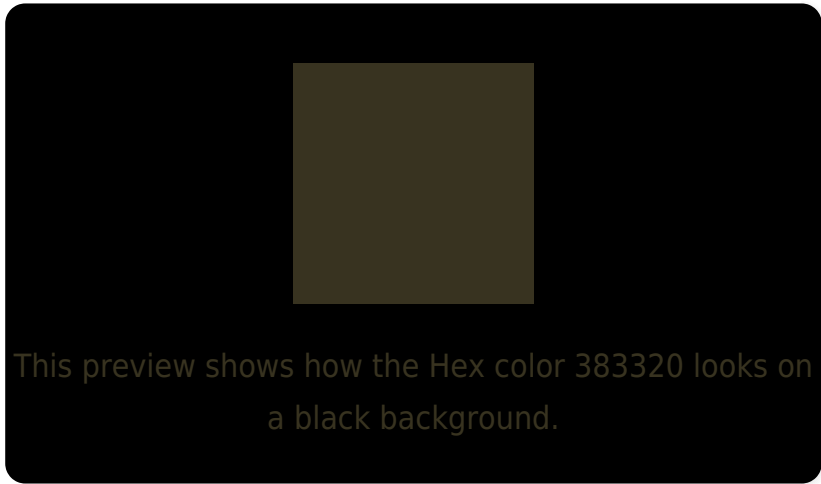
Large Text (above 18pt) WCAG AA ✓ Pass

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

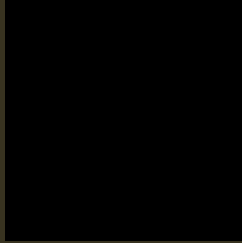
Any Text WCAG AA × Fail

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 383320 Background



This preview shows how black text looks on a background with the Hex color 383320.

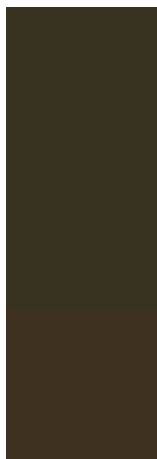


This preview shows how white text looks on a background with the Hex color 383320.

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](#).

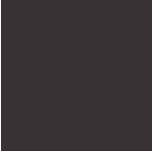
Dichromacy



Original Color
383320

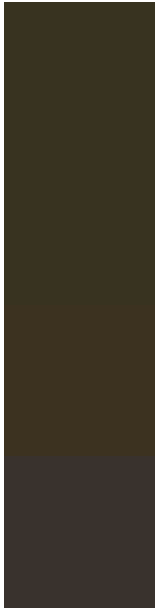
Protanopia
383320

Deuteranopia
3E3120



Tritanopia
3A3134

Trichromacy



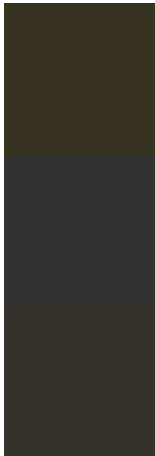
Original Color
383320

Protanomaly
383320

Deuteranomaly
3C3220

Tritanomaly
39322D

Monochromacy



Original Color
383320

Achromatopsia
323232

Achromatomaly
34322B

CSS Examples

Text

The CSS property to change the color of the text to Hex 383320 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 #383320 looks like.

```
.text, #text, p{  
    color:#383320  
}
```

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 #383320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383320
}
```

Border

The CSS property to change the border of an element to Hex 383320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

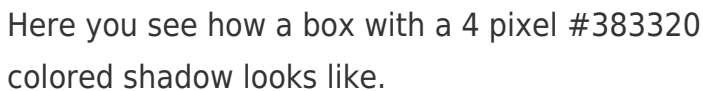
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383320 }
```

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

```
.border{ border-color:#383320 }
```

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



Here you see how a box with a 4 pixel #383320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383320; -webkit-box-shadow:4px 4px  
4px 4px #383320; box-shadow:4px 4px 4px  
4px #383320 }
```

Background

The CSS property to change the background color of an element to Hex 383320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383320 }
```

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

```
.background{ background-color:#383320 }
```

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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