

Converting Colors

Hex(383300)

Have a look what the booklet for
Hex(383300) contains.

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Color

Hex(383300)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 383300 |
| RGB | 56, 51, 0 |
| RGB Percent | 22%, 20%, 0% |
| CMY | 0.7804, 0.8000, 1.0000 |
| CMYK | 0.00, 0.09, 1.00, 0.78 |
| HSL | 55°, 100%, 11% |
| HSV | 55°, 100%, 22% |
| XYZ | 2.8147, 3.2084, 0.4709 |
| YIQ | 46.6810, 19.3510, -14.8010 |

Conversions

Conversions Part 2

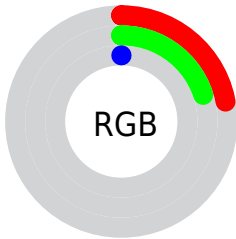
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 5, 56, 0 |
| Decimal | 3683072 |
| CIE Lab | 20.86, -4.19, 29.23 |
| CIE LCh | 21, 29.528, 98.151 |
| Yxy | 3.2084, 0.4334, 0.4941 |
| Android (android.graphics.Color) | 4281873152 (0xFF383300) |
| YUV | 46.6810, -23.0137, 8.1728 |
| Hunter-Lab | 17.9120, -3.2964, 10.9796 |

Details

The Hex color **383300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000538**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **69612F**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **383300**, and if you desaturate by 10%, it is **383406**.

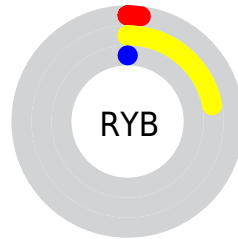
Distribution



Red (22%)

Green (20%)

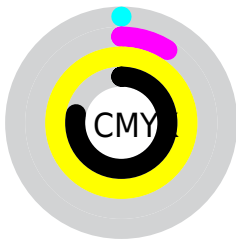
Blue (0%)



Red (2%)

Yellow (22%)

Blue (0%)

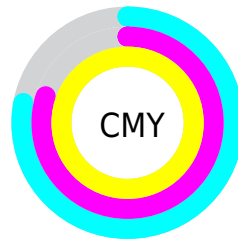


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383300 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 383300 by changing the saturation by 10% instead.

 383300

 383300

 FFFFE5

 211E00

 69612F

 000600

 837A47

 000000

 9E945F

 B9AE78

 D5C992

 F2E5AD

 FFFFC8

 383300

■ 383406

■ 38340B

■ 383511

■ 383516

■ 38361C

■ 383622

■ 383727

■ 38372D

■ 383832

Harmonies

Analogous

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



4A2B06



383300



20380D

Triad

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



383300



003C4C



512143

Complementary

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



383300



000538

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.



3B2A55



383300



00395A

Square

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



383300



003C38



0B335D



591D2D

Rectangle

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



383300



073B1A



0B335D



4B2349

Sweetspot

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



383300



4A4834



380006



262518



A6A6A6



262626

Same Dimension

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



383300



4A4300



223800



1C1C19



5C5400



DBC800

Inverse Universe

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



000538



00074A



160038



19191C



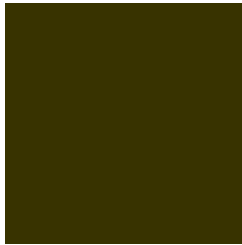
00085C



0014DB

Previews

White Background



This preview shows how the Hex color 383300 looks on a white background.

Color Contrast Check

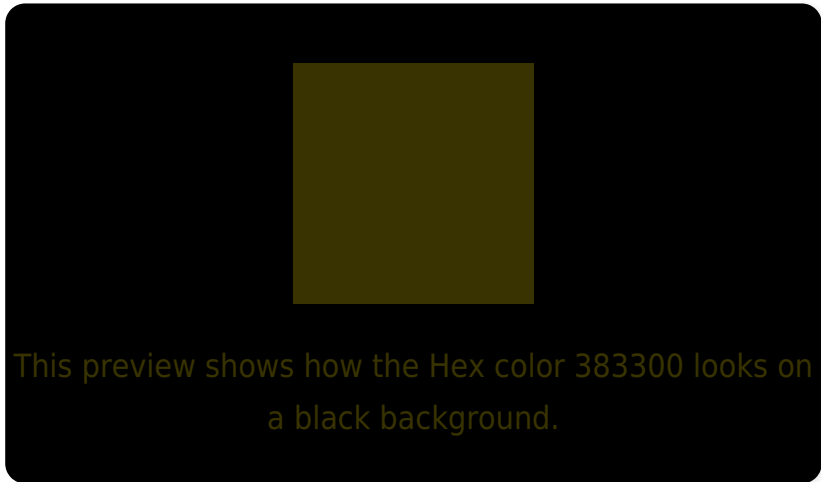
Large Text (above 18pt) WCAG AA ✓ Pass

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

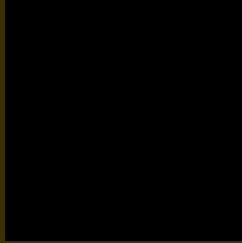
Any Text WCAG AA × Fail

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 383300 Background



This preview shows how black text looks on a background with the Hex color 383300.



This preview shows how white text looks on a background with the Hex color 383300.

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
383300

Protanopia
393300

Deuteranopia
403007



Tritanopia
3B2F33

Trichromacy



Original Color
383300

Protanomaly
393300

Deuteranomaly
3D3104

Tritanomaly
3A3020

Monochromacy



Original Color
383300

Achromatopsia
2F2F2F

Achromatomaly
32301E

CSS Examples

Text

The CSS property to change the color of the text to Hex 383300 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 #383300 looks like.

```
.text, #text, p{  
    color:#383300  
}
```

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 #383300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383300
}
```

Border

The CSS property to change the border of an element to Hex 383300 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
#383300 }
```

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

```
.border{ border-color:#383300 }
```

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

Here you see how a box with a 4 pixel #383300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383300; -webkit-box-shadow:4px 4px  
4px 4px #383300; box-shadow:4px 4px 4px  
4px #383300 }
```

Background

The CSS property to change the background color of an element to Hex 383300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383300 }
```

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

```
.background{ background-color:#383300 }
```

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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