

Converting Colors

Hex(387300)

Have a look what the booklet for
Hex(387300) contains.

| | |
|--|----|
| Hex(387300) | 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(387300)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 387300 |
| RGB | 56, 115, 0 |
| RGB Percent | 22%, 45%, 0% |
| CMY | 0.7804, 0.5490, 1.0000 |
| CMYK | 0.51, 0.00, 1.00, 0.55 |
| HSL | 91°, 100%, 23% |
| HSV | 91°, 100%, 45% |
| XYZ | 7.7616, 13.1022, 2.1199 |
| YIQ | 84.2490, 1.7510, -48.2730 |

Conversions

Conversions Part 2

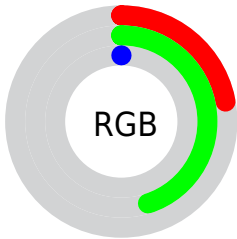
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 115, 59 |
| Decimal | 3699456 |
| CIELab | 42.92, -37.03, 47.78 |
| CIELCh | 43, 60.446, 127.776 |
| Yxy | 13.1022, 0.3377, 0.5701 |
| Android (android.graphics.Color) | 4281889536 (0xFF387300) |
| YUV | 84.2490, -41.5348, -24.7744 |
| Hunter-Lab | 36.1970, -25.0695, 21.8655 |

Details

The Hex color **387300** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B0073**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6EA83D**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **387300**, and if you desaturate by 10%, it is **3E730B**.

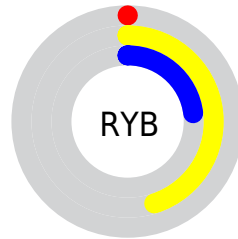
Distribution



Red (22%)

Green (45%)

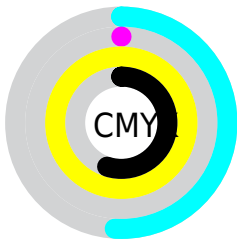
Blue (0%)



Red (0%)

Yellow (45%)

Blue (23%)

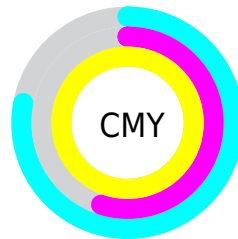


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 387300 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 387300 by changing the saturation by 10% instead.

 387300

 387300

 FFFFC

 1B5A00

 6EA83D

 004200

 89C357

 002B00

 A5DF71

 001200

 C1FC8C

 000000

 DEFFA7

 FBFFC3

 FFFFDF

 387300

 3E730B


 447317

 4A7323

 50732E

 56733A

 5B7345

 617351

 67735C

 6D7368

Harmonies

Analogous

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



6F6700



387300



00793D

Triad

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



387300



0075C2



BC295B

Complementary

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



387300



3B0073

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.



AA368C



387300



0067C9

Square

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



387300



007AA2



7651B5



B43C2A

Rectangle

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



387300



007B60



7651B5



B92A6B

Sweetspot

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



387300



7F9669



733A00



3E4D31



CCCCCC



4D4D4D

Same Dimension

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



387300



499600



007300



383B35



3C7A00



7AFA00

Inverse Universe

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



3B0073



4D0096



730073



38353B



3F007A



8000FA

Previews

White Background



This preview shows how the Hex color 387300 looks on a white background.

Color Contrast Check

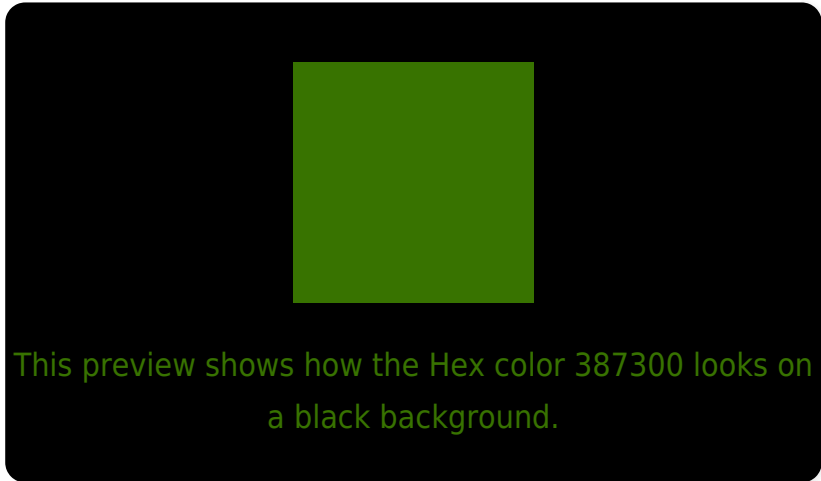
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 387300 Background



This preview shows how black text looks on a background with the Hex color 387300.



This preview shows how white text looks on a background with the Hex color 387300.

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
387300

Protanopia
726500

Deuteranopia
7F6018



Tritanopia
486B73

Trichromacy



Original Color
387300

Protanomaly
5D6A00

Deuteranomaly
65670F

Tritanomaly
426E49

Monochromacy



Original Color
387300

Achromatopsia
545454

Achromatomaly
4A5F35

CSS Examples

Text

The CSS property to change the color of the text to Hex 387300 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 #387300 looks like.

```
.text, #text, p{  
    color:#387300  
}
```

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 #387300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #387300
}
```

Border

The CSS property to change the border of an element to Hex 387300 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
#387300 }
```

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

```
.border{ border-color:#387300 }
```

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

Here you see how a box with a 4 pixel #387300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #387300; -webkit-box-shadow:4px 4px  
4px 4px #387300; box-shadow:4px 4px 4px  
4px #387300 }
```

Background

The CSS property to change the background color of an element to Hex 387300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#387300 }
```

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

```
.background{ background-color:#387300 }
```

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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