

Converting Colors

Hex(386316)

Have a look what the booklet for
Hex(386316) contains.

Hex(386316)	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(386316)

Conversions

Conversions Part 1

Format	Color
Hex	386316
RGB	56, 99, 22
RGB Percent	22%, 39%, 9%
CMY	0.7804, 0.6118, 0.9137
CMYK	0.43, 0.00, 0.78, 0.61
HSL	94°, 64%, 24%
HSV	94°, 78%, 39%
XYZ	6.2375, 9.8224, 2.3262
YIQ	77.3650, -0.9110, -33.0630

Conversions

Conversions Part 2

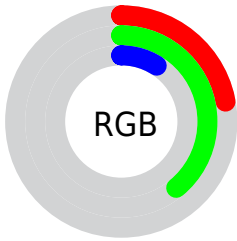
Format	Color
R_{YB}	22, 99, 65
Decimal	3695382
CIE _{Lab}	37.52, -29.02, 36.78
CIE _{LCh}	38, 46.851, 128.269
Yxy	9.8224, 0.3393, 0.5342
Android (android.graphics.Color)	4281885462 (0xFF386316)
YUV	77.3650, -27.2949, -18.7371
Hunter-Lab	31.3406, -19.3203, 17.5377

Details

The Hex color **386316** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **411663**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6B9647**, and **033400** is the 20% darker color. If you saturate the color by 10%, you get **32630C**, and if you desaturate by 10%, it is **3E6320**.

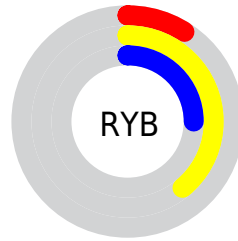
Distribution



Red (22%)

Green (39%)

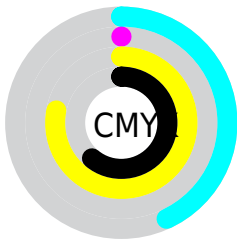
Blue (9%)



Red (9%)

Yellow (39%)

Blue (25%)

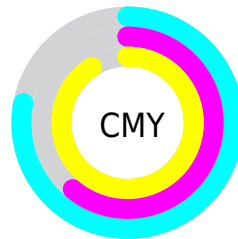


Cyan (43%)

Magenta (0%)

Yellow (78%)

Black (61%)



Cyan (78%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 386316 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 386316 by changing the saturation by 10% instead.

 386316

 386316

FFFFFF

 1F4B00

 6B9647

 033400

 85B160

 002000

 A0CD79

 000000

 BCE994

 D8FFAF

 F5FFCB

 FFFFE7

 386316

 386316

■ 32630C

■ 3E6320

■ 2D6302

■ 43632A

■ 2C6300

■ 496334

■ 4E633E

■ 546348

■ 596351

■ 5F635B

■ 646365

■ 6A636F

Harmonies

Analogous

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



615A00



386316



00683B

Triad

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



386316



00649F



9C314F

Complementary

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



386316



411663

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.



8D3875



386316



0059A4

Square

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



386316



006986



674994



963C2B

Rectangle

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



386316



006955



674994



99325C

Sweetspot

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



386316



6F8062



634016



36402E



BFBFBF



404040

Same Dimension

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



386316



3D8009



16631A



2E302C



327000



6AF000

Inverse Universe

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



411663



4B0980



63165F



2E2C30



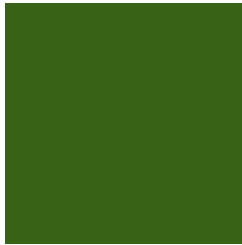
3F0070



8600F0

Previews

White Background



This preview shows how the Hex color 386316 looks on a white background.

Color Contrast Check

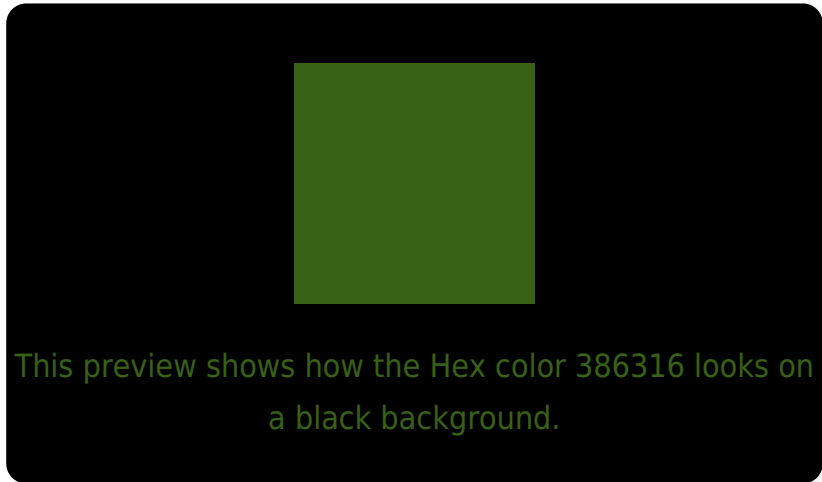
Large Text (above 18pt) WCAG AA ✓ Pass

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

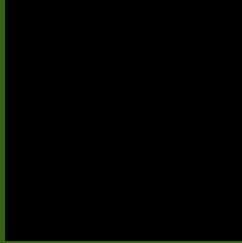
Any Text WCAG AA × Fail

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 386316 Background



This preview shows how black text looks on a background with the Hex color 386316.



This preview shows how white text looks on a background with the Hex color 386316.

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
386316

Protanopia
635813

Deuteranopia
6E541D



Tritanopia
435C64

Trichromacy



Original Color
386316

Protanomaly
535C14

Deuteranomaly
5A591A

Tritanomaly
3F5F48

Monochromacy



Original Color
386316

Achromatopsia
4D4D4D

Achromatomaly
455539

CSS Examples

Text

The CSS property to change the color of the text to Hex 386316 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 #386316 looks like.

```
.text, #text, p{  
    color:#386316  
}
```

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 #386316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386316
}
```

Border

The CSS property to change the border of an element to Hex 386316 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".

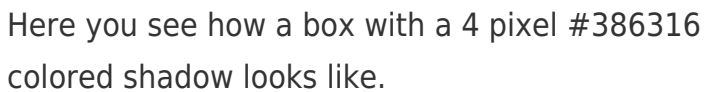
```
.border, #border, table{ border:4px solid
#386316 }
```

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

```
.border{ border-color:#386316 }
```

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

Here you see how a box with a 4 pixel #386316 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386316; -webkit-box-shadow:4px 4px  
4px 4px #386316; box-shadow:4px 4px 4px  
4px #386316 }
```

Background

The CSS property to change the background color of an element to Hex 386316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386316 }
```

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

```
.background{ background-color:#386316 }
```

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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