

Converting Colors

Hex(3C8033)

Have a look what the booklet for
Hex(3C8033) contains.

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Color

Hex(3C8033)

Conversions

Conversions Part 1

Format	Color
Hex	3C8033
RGB	60, 128, 51
RGB Percent	24%, 50%, 20%
CMY	0.7647, 0.4980, 0.8000
CMYK	0.53, 0.00, 0.60, 0.50
HSL	113°, 43%, 35%
HSV	113°, 60%, 50%
XYZ	10.1802, 16.6380, 5.8069
YIQ	98.8900, -15.8110, -38.3630

Conversions

Conversions Part 2

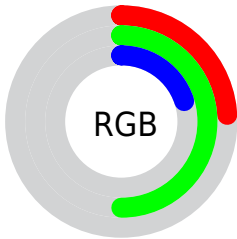
Format	Color
RYB	51, 128, 119
Decimal	3964979
CIELab	47.80, -37.55, 34.72
CIELCh	48, 51.142, 137.244
Yxy	16.6380, 0.3120, 0.5100
Android (android.graphics.Color)	4282155059 (0xFF3C8033)
YUV	98.8900, -23.6098, -34.1065
Hunter-Lab	40.7897, -26.8325, 20.1122

Details

The Hex color **3C8033** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **773380**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **71B564**, and **004E01** is the 20% darker color. If you saturate the color by 10%, you get **318026**, and if you desaturate by 10%, it is **478040**.

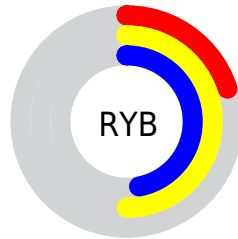
Distribution



Red (24%)

Green (50%)

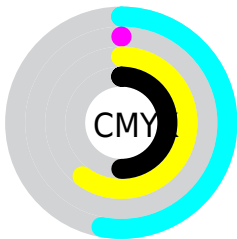
Blue (20%)



Red (20%)

Yellow (50%)

Blue (47%)

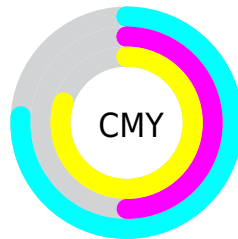


Cyan (53%)

Magenta (0%)

Yellow (60%)

Black (50%)



Cyan (76%)

Magenta (50%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8033 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 3C8033 by changing the saturation by 10% instead.



3C8033



3C8033

FFFFFF



20661B



71B564



004E01



8CD17E



003600



A8EE98



002200



C4FFB3



000000



E1FFCF



FEFFEC



3C8033



3C8033



318026



478040

■ 258019

■ 53804D

■ 1A800D

■ 5E8059

■ 0F8000

■ 698066

■ 758073

■ 808080

■ 8B808D

■ 968099

■ A280A6

Harmonies

Analogous

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



707713



3C8033



00855D

Triad

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



3C8033



007CC6



BF495A

Complementary

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



3C8033



773380

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.



B64B86



3C8033



4D6EC4

Square

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



3C8033



0083B0



935BAC



B35733

Rectangle

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



3C8033



00867B



935BAC



BF4769

Sweetspot

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



3C8033



8BA688



807633



445442



D4D4D4



545454

Same Dimension

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



3C8033



3CA62E



33804F



3A4039



0F8000



000000

Inverse Universe

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



773380



982EA6



803364



3F3940



710080



000000

Previews

White Background



This preview shows how the Hex color 3C8033 looks on a white background.

Color Contrast Check

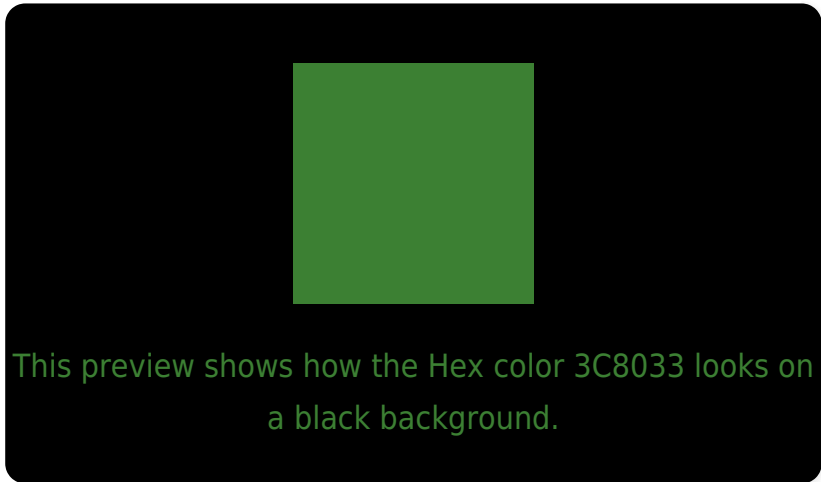
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C8033 Background



This preview shows how black text looks on a background with the Hex color 3C8033.



This preview shows how white text looks on a background with the Hex color 3C8033.

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
3C8033

Protanopia
7E712F

Deuteranopia
8B6B39



Tritanopia
4C7882

Trichromacy



Original Color
3C8033

Protanomaly
667630

Deuteranomaly
6E7337

Tritanomaly
467B65

Monochromacy



Original Color
3C8033

Achromatopsia
636363

Achromatomaly
556E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8033 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 #3C8033 looks like.

```
.text, #text, p{  
    color:#3C8033  
}
```

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 #3C8033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8033
}
```

Border

The CSS property to change the border of an element to Hex 3C8033 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
#3C8033 }
```

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

```
.border{ border-color:#3C8033 }
```

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

Here you see how a box with a 4 pixel #3C8033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8033; -webkit-box-shadow:4px 4px  
4px 4px #3C8033; box-shadow:4px 4px 4px  
4px #3C8033 }
```

Background

The CSS property to change the background color of an element to Hex 3C8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8033 }
```

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

```
.background{ background-color:#3C8033 }
```

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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