

# Converting Colors

Hex(3C8018)

Have a look what the booklet for  
Hex(3C8018) contains.

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**Color**

**Hex(3C8018)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C8018
RGB	60, 128, 24
RGB Percent	24%, 50%, 9%
CMY	0.7647, 0.4980, 0.9059
CMYK	0.53, 0.00, 0.81, 0.50
HSL	99°, 68%, 30%
HSV	99°, 81%, 50%
XYZ	9.7475, 16.4649, 3.5285
YIQ	95.8120, -7.1440, -46.7600

# Conversions

## Conversions Part 2

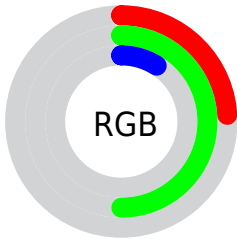
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 128, 92
Decimal	3964952
CIELab	47.58, -40.01, 45.85
CIElCh	48, 60.854, 131.104
Yxy	16.4649, 0.3277, 0.5536
Android (android.graphics.Color)	4282155032 (0xFF3C8018)
YUV	95.8120, -35.4033, -31.4071
Hunter-Lab	40.5770, -28.1301, 23.2482

# Details

The Hex color **3C8018** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5C1880**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **73B64D**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **34800B**, and if you desaturate by 10%, it is **448025**.

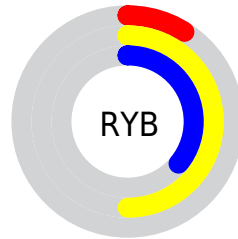
# Distribution



Red (24%)

Green (50%)

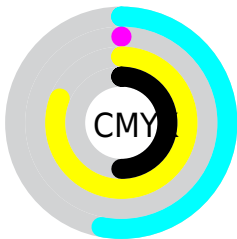
Blue (9%)



Red (9%)

Yellow (50%)

Blue (36%)

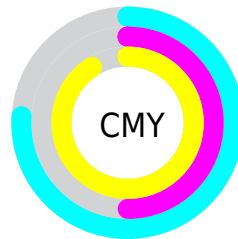


Cyan (53%)

Magenta (0%)

Yellow (81%)

Black (50%)



Cyan (76%)

Magenta (50%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C8018 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 3C8018 by changing the saturation by 10% instead.





3C8018



3C8018

FFFFFF



1E6600



73B64D



004E00



8ED167



003600



AAEE81



002200



C6FF9C



000000



E3FFB8



FFFFD4



FFFFF1



3C8018



3C8018

■ 34800B

■ 448025

■ 2C8000

■ 4D8032

■ 55803E

■ 5D804B

■ 668058

■ 6E8065

■ 778072

■ 7F807E

■ 87808B

# Harmonies

## Analogous

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



777500



3C8018



00864E

# Triad

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



3C8018



007FD2



CB3960

# Complementary

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



3C8018



5C1880

# 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.



BB4193



3C8018



0071D6

# Square

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



3C8018



0086B3



8A5ABF



C14B2F

# Rectangle

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



3C8018



008871



8A5ABF



C93871



# Sweetspot

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



3C8018



8CA67E



805C18



44543C



D4D4D4



545454



# Same Dimension

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



3C8018



3CA603



188028



3C4039



2C8000



000000



# Inverse Universe

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



5C1880



6E03A6



801870



3E3940



530080



000000



# Previews

## White Background



This preview shows how the Hex color 3C8018 looks on a white background.

## Color Contrast Check

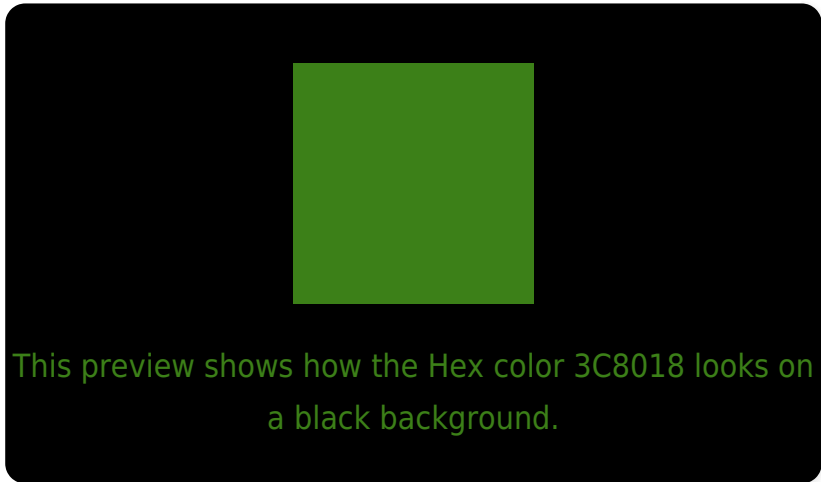
Large Text (above 18pt) WCAG AA ✓ Pass

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

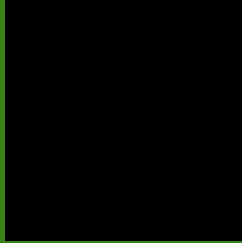
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C8018 Background



This preview shows how black text looks on a background with the Hex color 3C8018.



This preview shows how white text looks on a background with the Hex color 3C8018.

# 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**  
3C8018

**Protanopia**  
7E7114

**Deuteranopia**  
8D6B23



**Tritanopia**  
4E7781

# Trichromacy



**Original Color**  
3C8018

**Protanomaly**  
667615

**Deuteranomaly**  
70731F

**Tritanomaly**  
477A5B

# Monochromacy



**Original Color**  
3C8018

**Achromatopsia**  
606060

**Achromatomaly**  
536C46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C8018 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 #3C8018 looks like.

```
.text, #text, p{  
    color:#3C8018  
}
```

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 #3C8018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8018 }  
}
```

## Border

The CSS property to change the border of an element to Hex 3C8018 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 #3C8018 }  
}
```

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

```
.border{ border-color:#3C8018 }
```

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

Here you see how a box with a 4 pixel #3C8018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8018; -webkit-box-shadow:4px 4px  
4px 4px #3C8018; box-shadow:4px 4px 4px  
4px #3C8018 }
```

# Background

The CSS property to change the background color of an element to Hex 3C8018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8018 }
```

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

```
.background{ background-color:#3C8018 }
```

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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