

# Converting Colors

Hex(3F8734)

Have a look what the booklet for  
Hex(3F8734) contains.

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# Color

Hex(3F8734)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F8734
RGB	63, 135, 52
RGB Percent	25%, 53%, 20%
CMY	0.7529, 0.4706, 0.7961
CMYK	0.53, 0.00, 0.61, 0.47
HSL	112°, 44%, 37%
HSV	112°, 61%, 53%
XYZ	11.3337, 18.6326, 6.2479
YIQ	104.0100, -16.2690, -41.0770

# Conversions

## Conversions Part 2

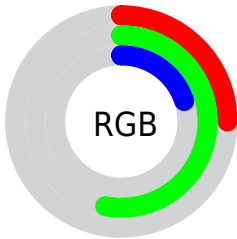
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 135, 124
Decimal	4163380
CIELab	50.25, -39.48, 37.09
CIElCh	50, 54.169, 136.786
Yxy	18.6326, 0.3130, 0.5145
Android (android.graphics.Color)	4282353460 (0xFF3F8734)
YUV	104.0100, -25.6409, -35.9658
Hunter-Lab	43.1655, -28.6721, 21.6340

# Details

The Hex color **3F8734** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7C3487**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **75BD66**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **338727**, and if you desaturate by 10%, it is **4B8742**.

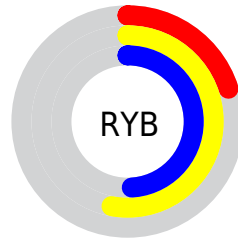
# Distribution



Red (25%)

Green (53%)

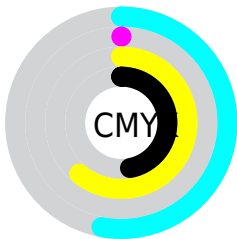
Blue (20%)



Red (20%)

Yellow (53%)

Blue (49%)

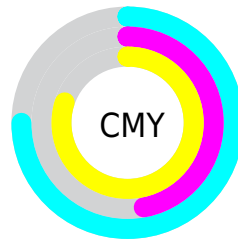


Cyan (53%)

Magenta (0%)

Yellow (61%)

Black (47%)



Cyan (75%)

Magenta (47%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F8734 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 3F8734 by changing the saturation by 10% instead.



 3F8734

 3F8734

FFFFFF

 226D1B


 75BD66

 005400

 90D97F

 003C00

 ACF69A

 002700

 C8FFB5

 000200

 E5FFD1

 000000

 FFFFEE

 3F8734

 3F8734

 338727

 4B8742

■ 288719

■ 56874F

■ 1C870B

■ 62875D

■ 128700

■ 6E876A

■ 7A8778

■ 858785

■ 918793

■ 9D87A0

■ A887AE

# Harmonies

## Analogous

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



767D10



3F8734



008C61

# Triad

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



3F8734



0083D1



CB4C60

# Complementary

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



3F8734



7C3487

# 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.



C04E8E



3F8734



4E74D0

# Square

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



3F8734



008BBA



9A60B7



BE5B36

# Rectangle

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



3F8734



008D81



9A60B7



CA4A6F



# Sweetspot

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



3F8734



94B090



877C34



485946



D9D9D9



595959



# Same Dimension

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



3F8734



3FB02E



348752



3D423C



118200



000300



# Inverse Universe

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



7C3487



9F2EB0



873469



413C42



710082



020003



# Previews

## White Background



This preview shows how the Hex color 3F8734 looks on a white background.

## Color Contrast Check

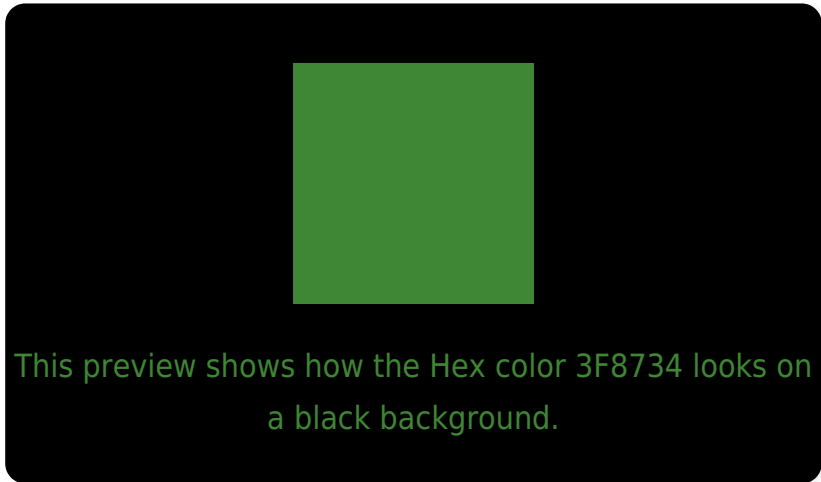
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 3F8734 Background



This preview shows how black text looks on a background with the Hex color 3F8734.



This preview shows how white text looks on a background with the Hex color 3F8734.

# 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**  
3F8734

**Protanopia**  
85772F

**Deuteranopia**  
92713A



**Tritanopia**  
507F89

# Trichromacy



**Original Color**  
3F8734

**Protanomaly**  
6C7D31

**Deuteranomaly**  
747938

**Tritanomaly**  
4A826A

# Monochromacy



**Original Color**  
3F8734

**Achromatopsia**  
686868

**Achromatomaly**  
597355

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F8734 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 #3F8734 looks like.

```
.text, #text, p{  
    color:#3F8734  
}
```

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 #3F8734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8734
}
```

## Border

The CSS property to change the border of an element to Hex 3F8734 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
#3F8734 }
```

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

```
.border{ border-color:#3F8734 }
```

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

Here you see how a box with a 4 pixel #3F8734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8734; -webkit-box-shadow:4px 4px  
4px 4px #3F8734; box-shadow:4px 4px 4px  
4px #3F8734 }
```

# Background

The CSS property to change the background color of an element to Hex 3F8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8734 }
```

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

```
.background{ background-color:#3F8734 }
```

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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