

# Converting Colors

Hex(3F8C45)

Have a look what the booklet for  
Hex(3F8C45) contains.

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# Color

Hex(3F8C45)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F8C45
RGB	63, 140, 69
RGB Percent	25%, 55%, 27%
CMY	0.7529, 0.4510, 0.7294
CMYK	0.55, 0.00, 0.51, 0.45
HSL	125°, 38%, 40%
HSV	125°, 55%, 55%
XYZ	12.5022, 20.2426, 8.8785
YIQ	108.8830, -23.1010, -38.4050

# Conversions

## Conversions Part 2

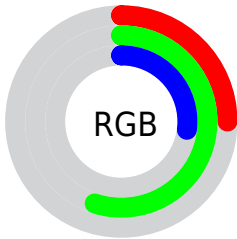
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 134, 140
Decimal	4164677
CIE Lab	52.11, -39.30, 30.70
CIE LCh	52, 49.869, 141.997
Yxy	20.2426, 0.3004, 0.4863
Android (android.graphics.Color)	4282354757 (0xFF3F8C45)
YUV	108.8830, -19.6623, -40.2394
Hunter-Lab	44.9918, -29.1346, 19.7942

# Details

The Hex color **3F8C45** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C3F86**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **75C277**, and **005916** is the 20% darker color. If you saturate the color by 10%, you get **318C38**, and if you desaturate by 10%, it is **4D8C52**.

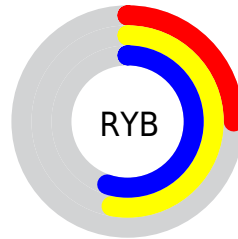
# Distribution



Red (25%)

Green (55%)

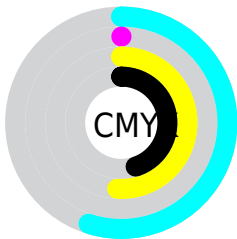
Blue (27%)



Red (25%)

Yellow (53%)

Blue (55%)

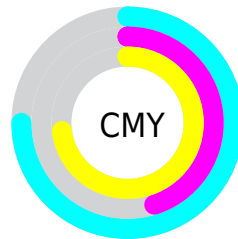


Cyan (55%)

Magenta (0%)

Yellow (51%)

Black (45%)



Cyan (75%)

Magenta (45%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F8C45 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 3F8C45 by changing the saturation by 10% instead.



 3F8C45

 3F8C45

FFFFFF

 22722D

 75C277

 005916

 90DE91

 004100

 ACFBAC

 002A00

 C9FFC7


 000E00

 E5FFE3

 000000

 3F8C45

 3F8C45

 318C38

 4D8C52

 238C2B

 5B8C5F

■ 158C1E

■ 698C6C

■ 078C11

■ 778C79

■ 008C0B

■ 858C86

■ 938C92

■ A18C9F

■ AF8CAC

■ BD8CB9

# Harmonies

## Analogous

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



748326



3F8C45



00906F

# Triad

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



3F8C45



0084D1



CA575F

# Complementary

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



3F8C45



8C3F86

# 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.



C4568A



3F8C45



6976CC

# Square

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



3F8C45



008DBF



A564B1



BB653A

# Rectangle

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



3F8C45



00918D



A564B1



CB556D



# Sweetspot

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



3F8C45



96B599



878C3F



495C4B



DBDBDB



5C5C5C



# Same Dimension

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



3F8C45



3EB547



3F8C6B



3E453F



00850A



000500



# Inverse Universe

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



8C3F86



B53EAC



8C3F60



453E44



85007A



050005



# Previews

## White Background



This preview shows how the Hex color 3F8C45 looks on a white background.

## Color Contrast Check

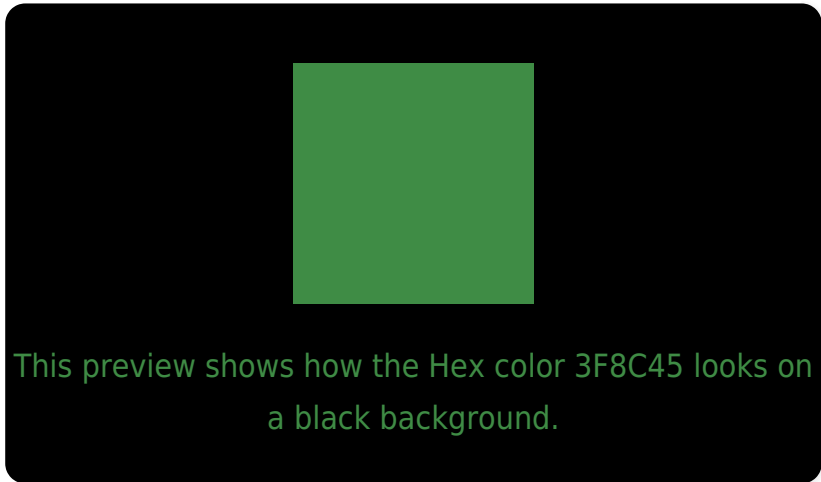
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F8C45 Background



This preview shows how black text looks on a background with the Hex color 3F8C45.



This preview shows how white text looks on a background with the Hex color 3F8C45.

# 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**  
3F8C45

**Protanopia**  
887C3F

**Deuteranopia**  
96764B



**Tritanopia**  
50848F

# Trichromacy



**Original Color**  
3F8C45

**Protanomaly**  
6D8241

**Deuteranomaly**  
767E49

**Tritanomaly**  
4A8774

# Monochromacy



**Original Color**  
3F8C45

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
5C785E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F8C45 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 #3F8C45 looks like.

```
.text, #text, p{  
    color:#3F8C45  
}
```

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 #3F8C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8C45
}
```

## Border

The CSS property to change the border of an element to Hex 3F8C45 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
#3F8C45 }
```

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

```
.border{ border-color:#3F8C45 }
```

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

Here you see how a box with a 4 pixel #3F8C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8C45; -webkit-box-shadow:4px 4px  
4px 4px #3F8C45; box-shadow:4px 4px 4px  
4px #3F8C45 }
```

# Background

The CSS property to change the background color of an element to Hex 3F8C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8C45 }
```

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

```
.background{ background-color:#3F8C45 }
```

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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