

Converting Colors

Hex(3F8B00)

Have a look what the booklet for
Hex(3F8B00) contains.

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Color

Hex(3F8B00)

Conversions

Conversions Part 1

Format	Color
Hex	3F8B00
RGB	63, 139, 0
RGB Percent	25%, 55%, 0%
CMY	0.7529, 0.4549, 1.0000
CMYK	0.55, 0.00, 1.00, 0.45
HSL	93°, 100%, 27%
HSV	93°, 100%, 55%
XYZ	11.2825, 19.5220, 3.1735
YIQ	100.4300, -0.6770, -59.3410

Conversions

Conversions Part 2

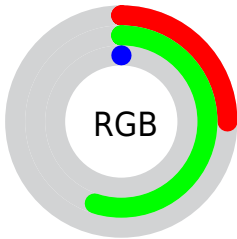
Format	Color
RYB	0, 139, 76
Decimal	4164352
CIELab	51.29, -44.32, 54.47
CIELCh	51, 70.226, 129.134
Yxy	19.5220, 0.3321, 0.5745
Android (android.graphics.Color)	4282354432 (0xFF3F8B00)
YUV	100.4300, -49.5120, -32.8261
Hunter-Lab	44.1837, -31.7407, 26.6701

Details

The Hex color **3F8B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4C008B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **77C143**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **3F8B00**, and if you desaturate by 10%, it is **478B0E**.

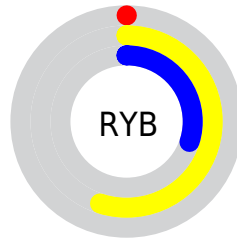
Distribution



Red (25%)

Green (55%)

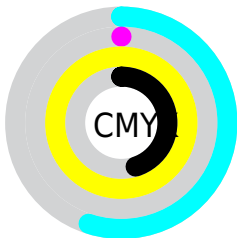
Blue (0%)



Red (0%)

Yellow (55%)

Blue (30%)

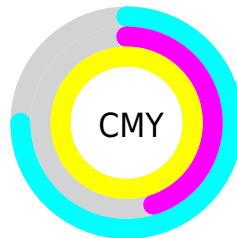


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (75%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F8B00 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 3F8B00 by changing the saturation by 10% instead.

 3F8B00

 3F8B00

FFFFFF

 1F7100

 77C143

 005800

 94DD5E

 004000

 B0FA78

 002A00

 CDFF94

 000900

 EAFFAF

 000000

 FFFFCC

 FFFFEE9

 3F8B00

 478B0E

 4E8B1C

 568B2A

 5D8B38

 658B46

 6D8B53

 748B61

 7C8B6F

 838B7D

Harmonies

Analogous

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



837E00



3F8B00



00924D

Triad

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



3F8B00



008CEB



E3316B

Complementary

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



3F8B00



4C008B

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.



CE40A6



3F8B00



007CF2

Square

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



3F8B00



0093C5



9161D8



D74931

Rectangle

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



3F8B00



009477



9161D8



E0317F

Sweetspot

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



3F8B00



97B57F



8B4A00



4A5C3B



DBDBDB



5C5C5C

Same Dimension

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



3F8B00



52B500



008B05



41453E



3C8500



020500

Inverse Universe

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



4C008B



6300B5



8B0086



423E45



490085



030005

Previews

White Background



This preview shows how the Hex color 3F8B00 looks on a white background.

Color Contrast Check

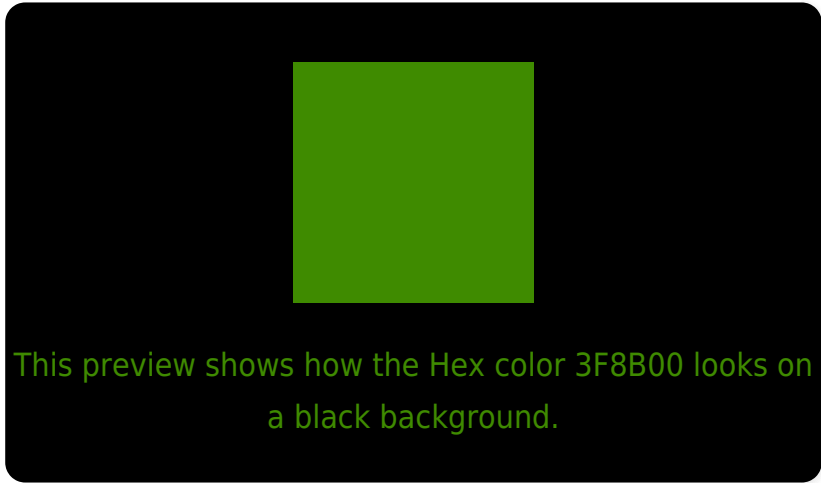
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F8B00 Background



This preview shows how black text looks on a background with the Hex color 3F8B00.



This preview shows how white text looks on a background with the Hex color 3F8B00.

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
3F8B00

Protanopia
897A00

Deuteranopia
99731D



Tritanopia
53818C

Trichromacy



Original Color
3F8B00

Protanomaly
6E8000

Deuteranomaly
787C12

Tritanomaly
4C8559

Monochromacy



Original Color
3F8B00

Achromatopsia
646464

Achromatomaly
577240

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F8B00 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 #3F8B00 looks like.

```
.text, #text, p{  
    color:#3F8B00  
}
```

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 #3F8B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8B00
}
```

Border

The CSS property to change the border of an element to Hex 3F8B00 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
#3F8B00 }
```

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

```
.border{ border-color:#3F8B00 }
```

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

Here you see how a box with a 4 pixel #3F8B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8B00; -webkit-box-shadow:4px 4px  
4px 4px #3F8B00; box-shadow:4px 4px 4px  
4px #3F8B00 }
```

Background

The CSS property to change the background color of an element to Hex 3F8B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8B00 }
```

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

```
.background{ background-color:#3F8B00 }
```

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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