

Converting Colors

Hex(3C8700)

Have a look what the booklet for
Hex(3C8700) contains.

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Color

Hex(3C8700)

Conversions

Conversions Part 1

Format	Color
Hex	3C8700
RGB	60, 135, 0
RGB Percent	24%, 53%, 0%
CMY	0.7647, 0.4706, 1.0000
CMYK	0.56, 0.00, 1.00, 0.47
HSL	93°, 100%, 26%
HSV	93°, 100%, 53%
XYZ	10.5275, 18.2886, 2.9752
YIQ	97.1850, -1.3650, -57.8850

Conversions

Conversions Part 2

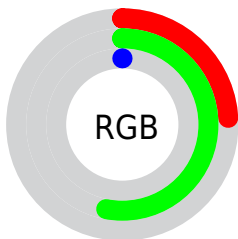
Format	Color
RYB	0, 135, 75
Decimal	3966720
CIELab	49.84, -43.69, 53.29
CIELCh	50, 68.906, 129.349
Yxy	18.2886, 0.3311, 0.5753
Android (android.graphics.Color)	4282156800 (0xFF3C8700)
YUV	97.1850, -47.9122, -32.6112
Hunter-Lab	42.7652, -30.8979, 25.8108

Details

The Hex color **3C8700** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4B0087**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **74BD42**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **3C8700**, and if you desaturate by 10%, it is **44870D**.

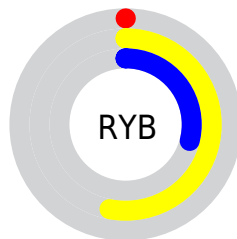
Distribution



Red (24%)

Green (53%)

Blue (0%)



Red (0%)

Yellow (53%)

Blue (29%)

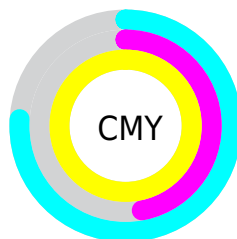


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (76%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8700 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 3C8700 by changing the saturation by 10% instead.

 3C8700

 3C8700

FFFFFF

 1C6D00

 74BD42

 005400

 90D95C

 003C00

 ADF677

 002700

 C9FF92

 000000

 E7FFAE

 FFFFCA

 FFFFE7

 3C8700

 44870D

 4B871B

 538729

 5A8736

 628744

 698751

 71875E

 78876C

 80877A

Harmonies

Analogous

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



7F7A00



3C8700



008E4A

Triad

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



3C8700



0088E5



DC2F67

Complementary

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



3C8700



4B0087

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.



C93DA1



3C8700



0078EB

Square

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



3C8700



008FC0



8E5DD2



D1472F

Rectangle

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



3C8700



009074



8E5DD2



DA2F7A

Sweetspot

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



3C8700



93B07B



874A00



475939



D9D9D9



595959

Same Dimension

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



3C8700



4EB000



008707



3F423C



3A8200



010300

Inverse Universe

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



4B0087



6200B0



870080



3F3C42



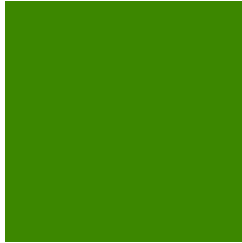
480082



010003

Previews

White Background



This preview shows how the Hex color 3C8700 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 ✓ 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 3C8700 Background



This preview shows how black text looks on a background with the Hex color 3C8700.

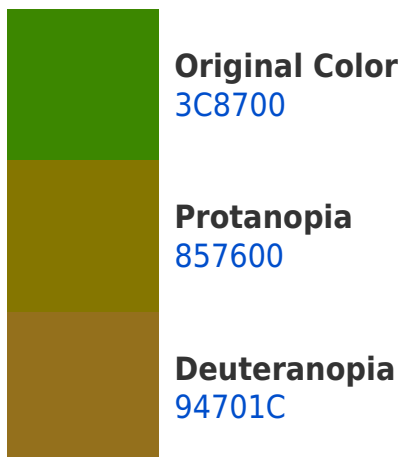



This preview shows how white text looks on a background with the Hex color 3C8700.

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





Tritanopia
507D88

Trichromacy



Original Color
3C8700

Protanomaly
6A7C00

Deuteranomaly
747812

Tritanomaly
498157

Monochromacy



Original Color
3C8700

Achromatopsia
616161

Achromatomaly
546F3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8700 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 #3C8700 looks like.

```
.text, #text, p{  
    color:#3C8700  
}
```

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 #3C8700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8700
}
```

Border

The CSS property to change the border of an element to Hex 3C8700 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
#3C8700 }
```

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

```
.border{ border-color:#3C8700 }
```

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

Here you see how a box with a 4 pixel #3C8700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8700; -webkit-box-shadow:4px 4px  
4px 4px #3C8700; box-shadow:4px 4px 4px  
4px #3C8700 }
```

Background

The CSS property to change the background color of an element to Hex 3C8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8700 }
```

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

```
.background{ background-color:#3C8700 }
```

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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