

Converting Colors

Hex(768700)

Have a look what the booklet for
Hex(768700) contains.

Hex(768700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(768700)

Conversions

Conversions Part 1

Format	Color
Hex	768700
RGB	118, 135, 0
RGB Percent	46%, 53%, 0%
CMY	0.5373, 0.4706, 1.0000
CMYK	0.13, 0.00, 1.00, 0.47
HSL	68°, 100%, 26%
HSV	68°, 100%, 53%
XYZ	16.1352, 21.1795, 3.2376
YIQ	114.5270, 33.2030, -45.5890

Conversions

Conversions Part 2

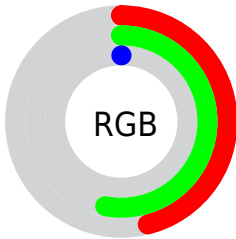
Format	Color
RYB	0, 135, 17
Decimal	7767808
CIELab	53.15, -21.19, 57.26
CIELCh	53, 61.050, 110.308
Yxy	21.1795, 0.3979, 0.5223
Android (android.graphics.Color)	4285957888 (0xFF768700)
YUV	114.5270, -56.4618, 3.0458
Hunter-Lab	46.0212, -17.9544, 28.0437

Details

The Hex color **768700** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **110087**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AEBC43**, and **425500** is the 20% darker color. If you saturate the color by 10%, you get **768700**, and if you desaturate by 10%, it is **78870D**.

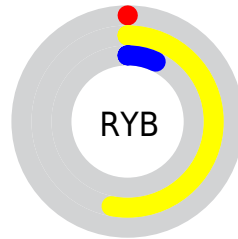
Distribution



Red (46%)

Green (53%)

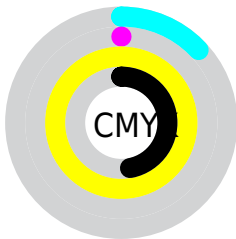
Blue (0%)



Red (0%)

Yellow (53%)

Blue (7%)

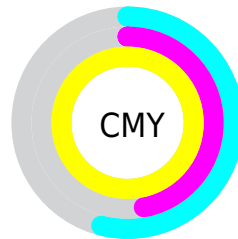


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (54%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768700 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 768700 by changing the saturation by 10% instead.

 768700

 768700

FFFFFF

 5B6E00

 AEBC43

 425500

 CAD85E

 273E00

 E7F479

 0C2800

 FFFF94

 001300

 FFFFB0

 000000

 FFFFCC

 FFFFEE9

 768700

 78870D

 79871B

 7B8729

 7D8736

 7F8744

 808751

 82875E

 84876C

 85877A

Harmonies

Analogous

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



A67600



768700



309137

Triad

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



768700



0094CF



D44B92

Complementary

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



768700



110087

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.



AD60C3



768700



008AE7

Square

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



768700



0097A2



5A78E2



DC4C5E

Rectangle

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



768700



009559



5A78E2



CB51A4

Sweetspot

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



768700



A9B07B



871000



555939



D9D9D9



595959

Same Dimension

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



768700



9AB000



348700



41423C



728200



020300

Inverse Universe

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



110087



1600B0



530087



3D3C42



100082



000003

Previews

White Background



This preview shows how the Hex color 768700 looks on a white background.

Color Contrast Check

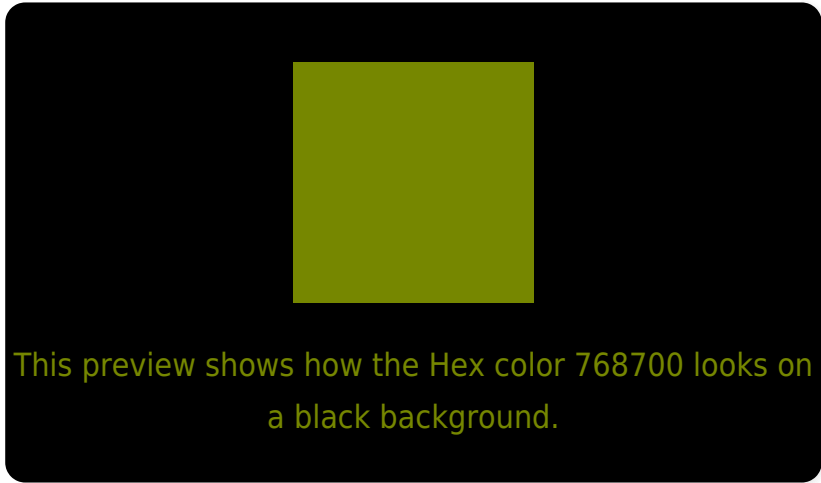
Large Text (above 18pt) WCAG AA ✓ Pass

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 768700 Background



This preview shows how black text looks on a background with the Hex color 768700.



This preview shows how white text looks on a background with the Hex color 768700.

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
768700

Protanopia
8F7F00

Deuteranopia
A07817



Tritanopia
807D87

Trichromacy



Original Color
768700

Protanomaly
868200

Deuteranomaly
917D0F

Tritanomaly
7C8156

Monochromacy



Original Color
768700

Achromatopsia
737373

Achromatomaly
747A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 768700 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 #768700 looks like.

```
.text, #text, p{  
    color:#768700  
}
```

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 #768700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768700
}
```

Border

The CSS property to change the border of an element to Hex 768700 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
#768700 }
```

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

```
.border{ border-color:#768700 }
```

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

Here you see how a box with a 4 pixel #768700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768700; -webkit-box-shadow:4px 4px  
4px 4px #768700; box-shadow:4px 4px 4px  
4px #768700 }
```

Background

The CSS property to change the background color of an element to Hex 768700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768700 }
```

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

```
.background{ background-color:#768700 }
```

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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