

Converting Colors

Hex(768E00)

Have a look what the booklet for
Hex(768E00) contains.

Hex(768E00)	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(768E00)

Conversions

Conversions Part 1

Format	Color
Hex	768E00
RGB	118, 142, 0
RGB Percent	46%, 56%, 0%
CMY	0.5373, 0.4431, 1.0000
CMYK	0.17, 0.00, 1.00, 0.44
HSL	70°, 100%, 28%
HSV	70°, 100%, 56%
XYZ	17.1442, 23.1976, 3.5740
YIQ	118.6360, 31.2780, -49.2500

Conversions

Conversions Part 2

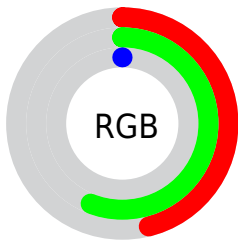
Format	Color
RYB	0, 142, 24
Decimal	7769600
CIELab	55.28, -24.71, 58.85
CIELCh	55, 63.830, 112.779
Yxy	23.1976, 0.3904, 0.5282
Android (android.graphics.Color)	4285959680 (0xFF768E00)
YUV	118.6360, -58.4875, -0.5578
Hunter-Lab	48.1638, -20.7485, 29.3151

Details

The Hex color **768E00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **18008E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AEC445**, and **415C00** is the 20% darker color. If you saturate the color by 10%, you get **768E00**, and if you desaturate by 10%, it is **788E0E**.

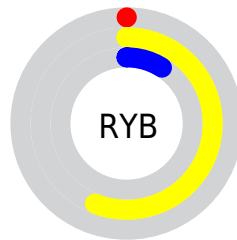
Distribution



Red (46%)

Green (56%)

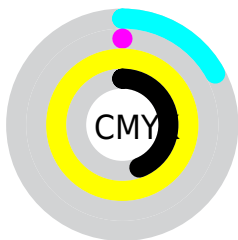
Blue (0%)



Red (0%)

Yellow (56%)

Blue (9%)

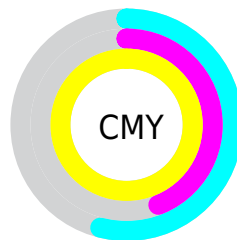


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (54%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768E00 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 768E00 by changing the saturation by 10% instead.

 768E00

 768E00

FFFFFF

 5B7400

 AEC445

 415C00

 CAE060

 264400

 E8FC7B

 092E00

 FFFF96

 001B00

 FFFFB2

 000000

 FFFFCE

 FFFFEC

 768E00

 788E0E

 7B8E1C

 7D8E2B

 808E39

 828E47

 848E55

 878E63

 898E72

 8C8E80

Harmonies

Analogous

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



AA7D00



768E00



25983D

Triad

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



768E00



009ADC



E04C94

Complementary

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



768E00



18008E

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.



BA61C8



768E00



008FF3

Square

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



768E00



009EAE



687BEB



E64F5D

Rectangle

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



768E00



009C61



687BEB



D752A7

Sweetspot

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



768E00



AEB881



8E1800



565C3B



DBDBDB



5C5C5C

Same Dimension

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



768E00



99B800



2F8E00



464740



708700



060800

Inverse Universe

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



18008E



1F00B8



5F008E



414047



170087



010008

Previews

White Background



This preview shows how the Hex color 768E00 looks on a white background.

Color Contrast Check

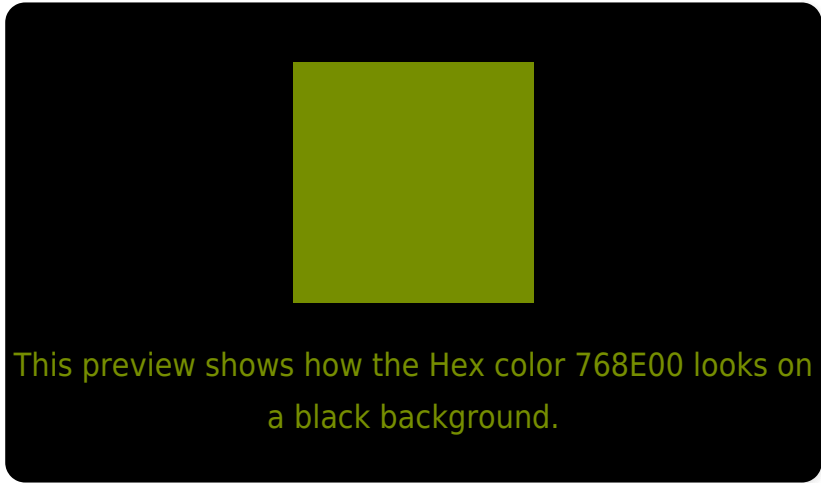
Large Text (above 18pt) WCAG AA ✓ Pass

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 768E00 Background



This preview shows how black text looks on a background with the Hex color 768E00.



This preview shows how white text looks on a background with the Hex color 768E00.

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](#).

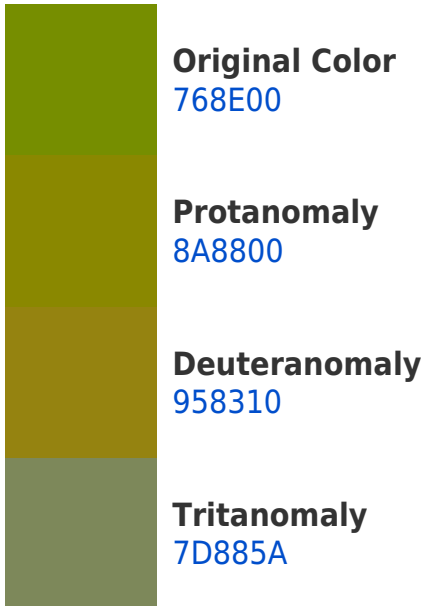
Dichromacy





Tritanopia
81848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 768E00 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 #768E00 looks like.

```
.text, #text, p{  
    color:#768E00  
}
```

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 #768E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768E00
}
```

Border

The CSS property to change the border of an element to Hex 768E00 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
#768E00 }
```

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

```
.border{ border-color:#768E00 }
```

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

Here you see how a box with a 4 pixel #768E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768E00; -webkit-box-shadow:4px 4px  
4px 4px #768E00; box-shadow:4px 4px 4px  
4px #768E00 }
```

Background

The CSS property to change the background color of an element to Hex 768E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768E00 }
```

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

```
.background{ background-color:#768E00 }
```

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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