

Converting Colors

Hex(768A02)

Have a look what the booklet for
Hex(768A02) contains.

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Color

Hex(768A02)

Conversions

Conversions Part 1

Format	Color
Hex	768A02
RGB	118, 138, 2
RGB Percent	46%, 54%, 1%
CMY	0.5373, 0.4588, 0.9922
CMYK	0.14, 0.00, 0.99, 0.46
HSL	69°, 97%, 27%
HSV	69°, 99%, 54%
XYZ	16.5706, 22.0329, 3.4368
YIQ	116.5160, 31.7360, -46.5360

Conversions

Conversions Part 2

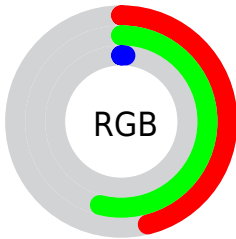
Format	Color
RYB	2, 138, 22
Decimal	7768578
CIELab	54.06, -22.67, 57.59
CIElCh	54, 61.891, 111.487
Yxy	22.0329, 0.3942, 0.5241
Android (android.graphics.Color)	4285958658 (0xFF768A02)
YUV	116.5160, -56.4564, 1.3015
Hunter-Lab	46.9392, -19.1289, 28.5163

Details

The Hex color **768A02** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16028A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AEBF45**, and **415800** is the 20% darker color. If you saturate the color by 10%, you get **768A00**, and if you desaturate by 10%, it is **788A10**.

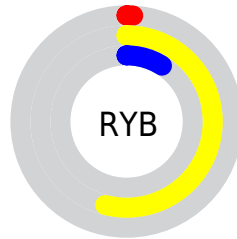
Distribution



Red (46%)

Green (54%)

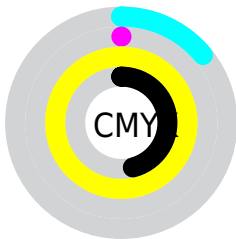
Blue (1%)



Red (1%)

Yellow (54%)

Blue (9%)

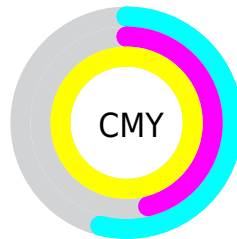


Cyan (14%)

Magenta (0%)

Yellow (99%)

Black (46%)



Cyan (54%)

Magenta (46%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768A02 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 768A02 by changing the saturation by 10% instead.



768A02



768A02

FFFFFF



5B7100



AEBF45



415800



CADB60



274100



E7F87B



0B2A00



FFFF96



001700



FFFFB2



000000



FFFCE



FFFEB



768A02



768A02

■ 768A00

■ 788A10

■ 7A8A1E

■ 7C8A2B

■ 7E8A39

■ 808A47

■ 828A55

■ 848A63

■ 868A70

■ 888A7E

Harmonies

Analogous

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



A87900



768A02



2C943A

Triad

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



768A02



0096D4



D94C93

Complementary

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



768A02



16028A

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.



B261C5



768A02



008CEB

Square

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



768A02



009AA7



617AE5



E04E5D

Rectangle

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



768A02



00985D



617AE5



D051A4

Sweetspot

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



768A02



ABB37D



8A1402



555939



D9D9D9



595959

Same Dimension

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



768A02



98B300



348A02



44453E



718500



040500

Inverse Universe

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



16028A



1A00B3



58028A



3F3E45



130085



010005

Previews

White Background



This preview shows how the Hex color 768A02 looks on a white background.

Color Contrast Check

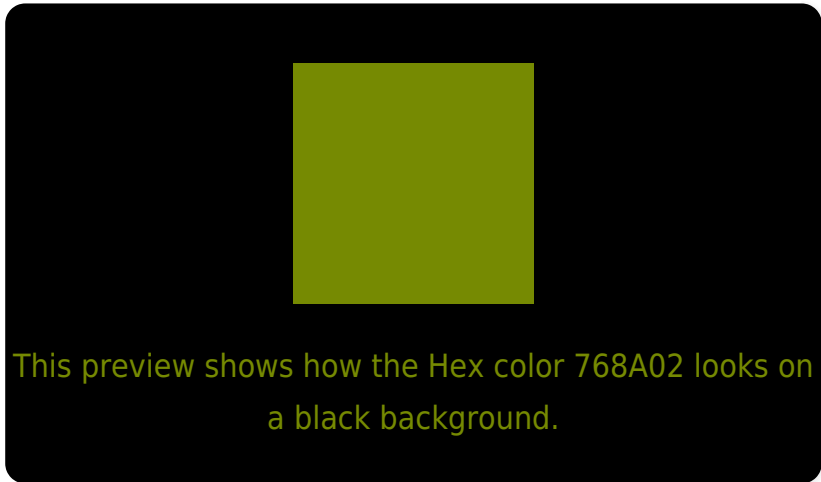
Large Text (above 18pt) WCAG AA ✓ Pass

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 768A02 Background



This preview shows how black text looks on a background with the Hex color 768A02.

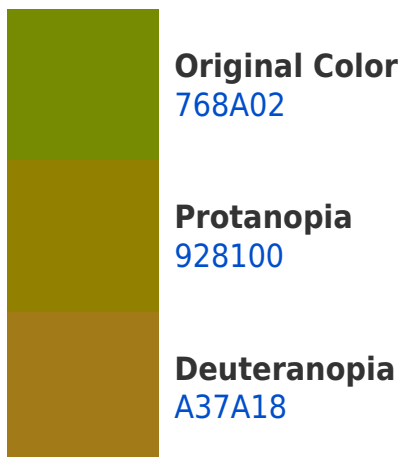


This preview shows how white text looks on a background with the Hex color 768A02.

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
81808A

Trichromacy



Original Color
768A02

Protanomaly
888401

Deuteranomaly
938010

Tritanomaly
7D8459

Monochromacy



Original Color
768A02

Achromatopsia
757575

Achromatomaly
757D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 768A02 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 #768A02 looks like.

```
.text, #text, p{  
    color:#768A02  
}
```

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 #768A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768A02
}
```

Border

The CSS property to change the border of an element to Hex 768A02 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
#768A02 }
```

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

```
.border{ border-color:#768A02 }
```

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

Here you see how a box with a 4 pixel #768A02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768A02; -webkit-box-shadow:4px 4px  
4px 4px #768A02; box-shadow:4px 4px 4px  
4px #768A02 }
```

Background

The CSS property to change the background color of an element to Hex 768A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768A02 }
```

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

```
.background{ background-color:#768A02 }
```

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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