

Converting Colors

Hex(768929)

Have a look what the booklet for
Hex(768929) contains.

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Color

Hex(768929)

Conversions

Conversions Part 1

Format	Color
Hex	768929
RGB	118, 137, 41
RGB Percent	46%, 54%, 16%
CMY	0.5373, 0.4627, 0.8392
CMYK	0.14, 0.00, 0.70, 0.46
HSL	72°, 54%, 35%
HSV	72°, 70%, 54%
XYZ	16.8171, 21.9030, 5.4392
YIQ	120.3750, 19.4920, -33.8840

Conversions

Conversions Part 2

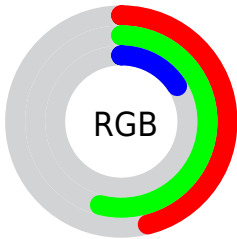
Format	Color
RYB	41, 137, 60
Decimal	7768361
CIELab	53.92, -20.70, 46.90
CIELCh	54, 51.264, 113.812
Yxy	21.9030, 0.3808, 0.4960
Android (android.graphics.Color)	4285958441 (0xFF768929)
YUV	120.3750, -39.1319, -2.0829
Hunter-Lab	46.8006, -17.7597, 25.8697

Details

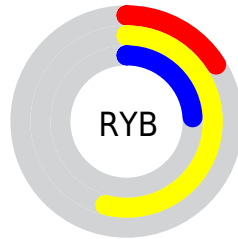
The Hex color **768929** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3C2989**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ACBE5C**, and **425700** is the 20% darker color. If you saturate the color by 10%, you get **73891B**, and if you desaturate by 10%, it is **798937**.

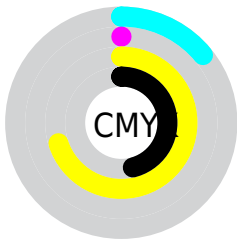
Distribution



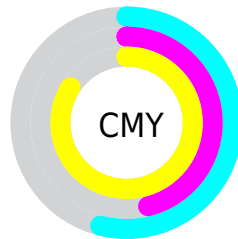
- Red (46%)
- Green (54%)
- Blue (16%)



- Red (16%)
- Yellow (54%)
- Blue (24%)



- Cyan (14%)
- Magenta (0%)
- Yellow (70%)
- Black (46%)



- Cyan (54%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768929 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 768929 by changing the saturation by 10% instead.

 768929

 768929

FFFFFF

 5C700B

 ACBE5C

 425700

 C9DA76

 2A4000

 E5F791

 0F2A00

 FFFFAC

 001600

 FFFFC8

 000000

 FFFF E5

 768929

 768929

 73891B

 798937

■ 71890E

■ 7B8944

■ 6E8900

■ 7E8952

■ 818960

■ 84896E

■ 86897B

■ 898989

■ 8C8997

■ 8E89A4

Harmonies

Analogous

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



A07B22



768929



3D924A

Triad

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



768929



0092C8



CC598C

Complementary

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



768929



3C2989

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.



AE66B6



768929



0089D9

Square

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



768929



0096A3



7279D2



D15B60

Rectangle

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



768929



009567



7279D2



C55C9B

Sweetspot

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



768929



ABB38D



893B29



555943



D9D9D9



595959

Same Dimension

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



768929



95B31D



478929



43453E



6A8500



040500

Inverse Universe

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



3C2989



3A1DB3



6B2989



3F3E45



1A0085



010005

Previews

White Background



This preview shows how the Hex color 768929 looks on a white background.

Color Contrast Check

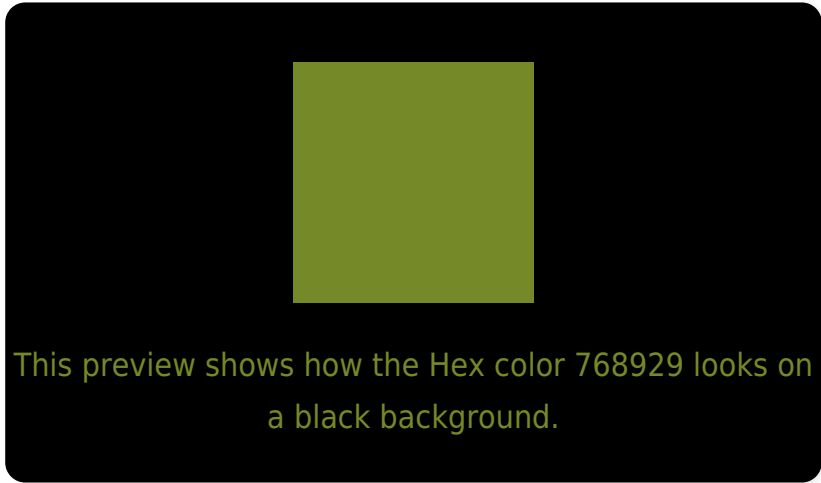
Large Text (above 18pt) WCAG AA ✓ Pass

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

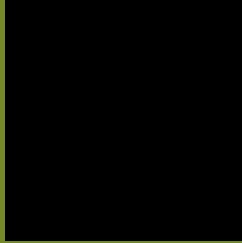
Any Text WCAG AA ✓ Pass

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 768929 Background



This preview shows how black text looks on a background with the Hex color 768929.



This preview shows how white text looks on a background with the Hex color 768929.

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](#).

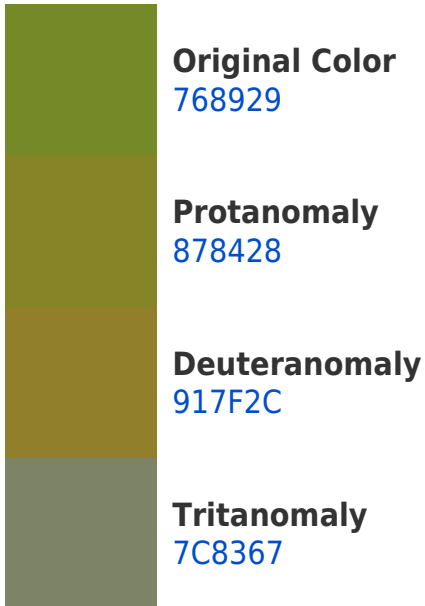
Dichromacy



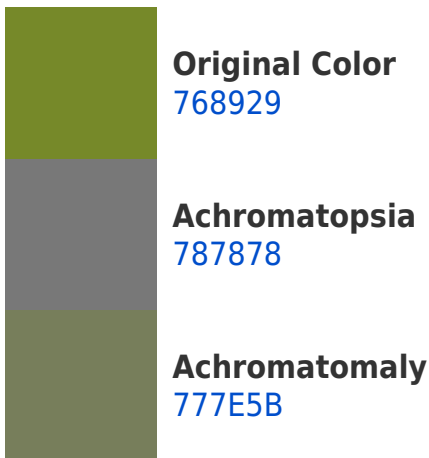


Tritanopia
80808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 768929 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 #768929 looks like.

```
.text, #text, p{  
    color:#768929  
}
```

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 #768929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768929
}
```

Border

The CSS property to change the border of an element to Hex 768929 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
#768929 }
```

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

```
.border{ border-color:#768929 }
```

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

Here you see how a box with a 4 pixel #768929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768929; -webkit-box-shadow:4px 4px  
4px 4px #768929; box-shadow:4px 4px 4px  
4px #768929 }
```

Background

The CSS property to change the background color of an element to Hex 768929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768929 }
```

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

```
.background{ background-color:#768929 }
```

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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