

Converting Colors

Hex(869729)

Have a look what the booklet for
Hex(869729) contains.

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Color

Hex(869729)

Conversions

Conversions Part 1

Format	Color
Hex	869729
RGB	134, 151, 41
RGB Percent	53%, 59%, 16%
CMY	0.4745, 0.4078, 0.8392
CMYK	0.11, 0.00, 0.73, 0.41
HSL	69°, 57%, 38%
HSV	69°, 73%, 59%
XYZ	21.2984, 27.3616, 6.2566
YIQ	133.3770, 25.1780, -37.8140

Conversions

Conversions Part 2

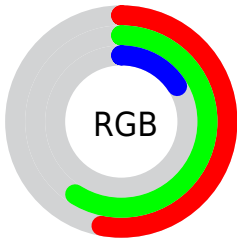
Format	Color
RYB	41, 151, 58
Decimal	8820521
CIELab	59.31, -20.91, 52.66
CIELCh	59, 56.661, 111.651
Yxy	27.3616, 0.3878, 0.4982
Android (android.graphics.Color)	4287010601 (0xFF869729)
YUV	133.3770, -45.5419, 0.5464
Hunter-Lab	52.3084, -18.8599, 29.5242

Details

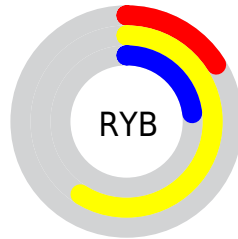
The Hex color **869729** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A2997**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BECD5E**, and **516400** is the 20% darker color. If you saturate the color by 10%, you get **84971A**, and if you desaturate by 10%, it is **889738**.

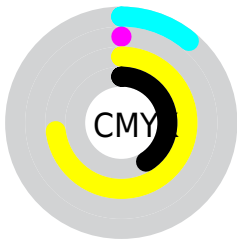
Distribution



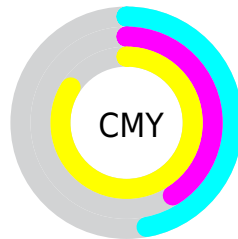
- Red (53%)
- Green (59%)
- Blue (16%)



- Red (16%)
- Yellow (59%)
- Blue (23%)



- Cyan (11%)
- Magenta (0%)
- Yellow (73%)
- Black (41%)




- Cyan (47%)
- Magenta (41%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 869729 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 869729 by changing the saturation by 10% instead.

 869729

 869729

FFFFFF

 6B7D07

 BECD5E

 516400

 DBE979

 384C00

 F8FF94

 1D3500

 FFFF9F

 002100

 FFFFCB


 000000

 FFFF88

 869729

 869729

 84971A

 889738

■ 81970B

■ 8B9747

■ 809700

■ 8D9756

■ 8F9765

■ 929775

■ 949784

■ 969793

■ 9997A2

■ 9B97B1

Harmonies

Analogous

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



B58724



869729



47A14E

Triad

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



869729



00A3DC



E2629F

Complementary

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



869729



3A2997

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.



BE72CD



869729



0098F1

Square

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



869729



00A7B2



7787EC



E9636D

Rectangle

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



869729



00A56E



7787EC



D966AF

Sweetspot

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



869729



BEC499



973929



5F634A



E3E3E3



636363

Same Dimension

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



869729



AAC41A



4F9729



4B4D45



778C00



0B0D00

Inverse Universe

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



3A2997



341AC4



712997



46454D



16008C



02000D

Previews

White Background



This preview shows how the Hex color 869729 looks on a white background.

Color Contrast Check

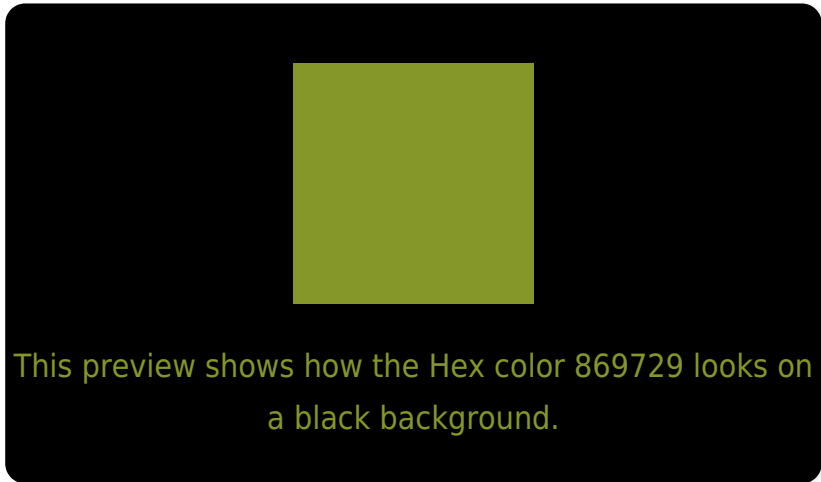
Large Text (above 18pt) WCAG AA ✓ Pass

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 869729 Background



This preview shows how black text looks on a background with the Hex color 869729.



This preview shows how white text looks on a background with the Hex color 869729.

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
869729

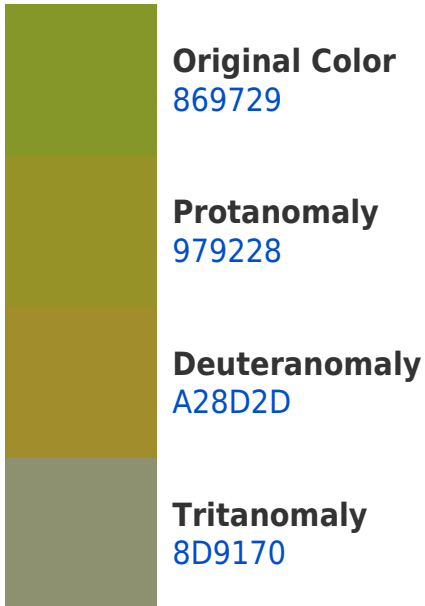
Protanopia
A08F27

Deuteranopia
B2872F



Tritanopia
918D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 869729 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 #869729 looks like.

```
.text, #text, p{  
    color:#869729  
}
```

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 #869729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #869729
}
```

Border

The CSS property to change the border of an element to Hex 869729 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
#869729 }
```

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

```
.border{ border-color:#869729 }
```

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

Here you see how a box with a 4 pixel #869729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #869729; -webkit-box-shadow:4px 4px  
4px 4px #869729; box-shadow:4px 4px 4px  
4px #869729 }
```

Background

The CSS property to change the background color of an element to Hex 869729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#869729 }
```

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

```
.background{ background-color:#869729 }
```

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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