

Converting Colors

Hex(869107)

Have a look what the booklet for
Hex(869107) contains.

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Color

Hex(869107)

Conversions

Conversions Part 1

Format	Color
Hex	869107
RGB	134, 145, 7
RGB Percent	53%, 57%, 3%
CMY	0.4745, 0.4314, 0.9725
CMYK	0.08, 0.00, 0.95, 0.43
HSL	65°, 91%, 30%
HSV	65°, 95%, 57%
XYZ	19.9953, 25.3345, 4.0372
YIQ	125.9790, 37.7420, -45.2500

Conversions

Conversions Part 2

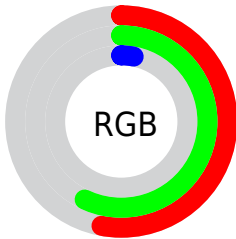
Format	Color
R_YB	7, 145, 18
Decimal	8818951
CIE _{Lab}	57.40, -19.01, 59.86
CIE _{LCh}	57, 62.805, 107.616
Y _{xy}	25.3345, 0.4050, 0.5132
Android (android.graphics.Color)	4287009031 (0xFF869107)
Y _{UV}	125.9790, -58.6566, 7.0344
Hunter-Lab	50.3334, -17.1731, 30.4778

Details

The Hex color **869107** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **120791**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BFC749**, and **505F00** is the 20% darker color. If you saturate the color by 10%, you get **859100**, and if you desaturate by 10%, it is **879116**.

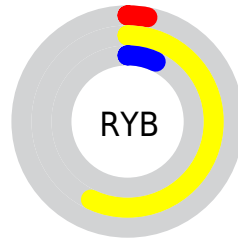
Distribution



Red (53%)

Green (57%)

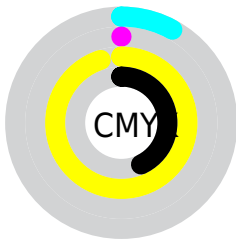
Blue (3%)



Red (3%)

Yellow (57%)

Blue (7%)

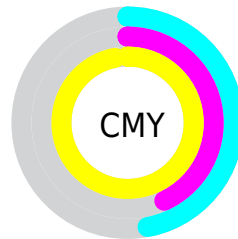


Cyan (8%)

Magenta (0%)

Yellow (95%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 869107 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 869107 by changing the saturation by 10% instead.

 869107

 869107

FFFFFF

 6B7700

 BFC749

 505F00

 DCE364

 364700

 F9FF7F

 1C3100

 FFFF9B

 001D00

 FFFFB7

 000000

 FFFFD3

 FFFFF0

 869107

 869107

■ 859100

■ 879116

■ 889124

■ 899133

■ 8B9141

■ 8C9150

■ 8D915E

■ 8E916D

■ 8F917B

■ 90918A

Harmonies

Analogous

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



B77F0B



869107



429C3A

Triad

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



869107



00A0DA



E156A3

Complementary

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



869107



120791

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.



B56CD4



869107



0097F5

Square

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



869107



00A3A9



5985F3



EC556C

Rectangle

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



869107



00A15E



5985F3



D65CB5

Sweetspot

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



869107



B8BD86



911007



5C5E3D



DEDEDE



5E5E5E

Same Dimension

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



869107



AEBD00



439107



474740



7C8700



070800

Inverse Universe

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



120791



0F00BD



550791



414047



0B0087



010008

Previews

White Background



This preview shows how the Hex color 869107 looks on a white background.

Color Contrast Check

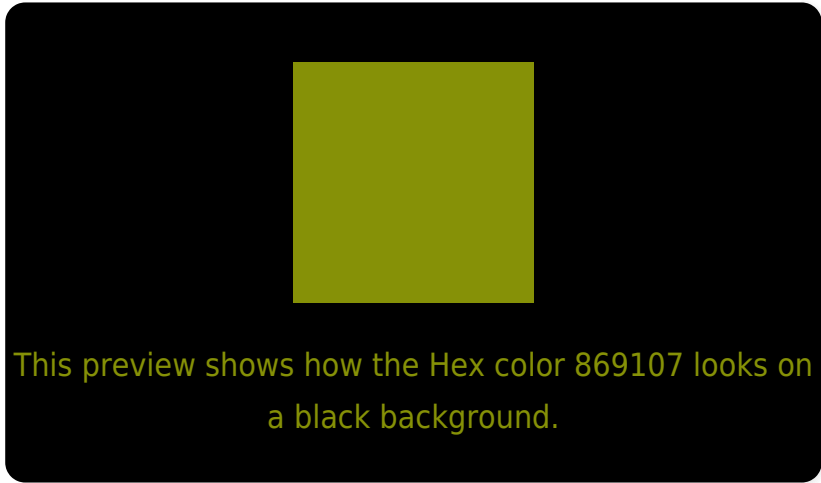
Large Text (above 18pt) WCAG AA ✓ Pass

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 869107 Background



This preview shows how black text looks on a background with the Hex color 869107.



This preview shows how white text looks on a background with the Hex color 869107.

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
869107

Protanopia
9B8A00

Deuteranopia
AE8318



Tritanopia
908791

Trichromacy



Original Color
869107

Protanomaly
938D03

Deuteranomaly
9F8812

Tritanomaly
8C8B5F

Monochromacy



Original Color
869107

Achromatopsia
7E7E7E

Achromatomaly
818553

CSS Examples

Text

The CSS property to change the color of the text to Hex 869107 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 #869107 looks like.

```
.text, #text, p{  
    color:#869107  
}
```

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 #869107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #869107
}
```

Border

The CSS property to change the border of an element to Hex 869107 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
#869107 }
```

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

```
.border{ border-color:#869107 }
```

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

Here you see how a box with a 4 pixel #869107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #869107; -webkit-box-shadow:4px 4px  
4px 4px #869107; box-shadow:4px 4px 4px  
4px #869107 }
```

Background

The CSS property to change the background color of an element to Hex 869107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#869107 }
```

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

```
.background{ background-color:#869107 }
```

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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