

# Converting Colors

Hex(89A720)

Have a look what the booklet for  
Hex(89A720) contains.

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**Color**

**Hex(89A720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A720
RGB	137, 167, 32
RGB Percent	54%, 65%, 13%
CMY	0.4627, 0.3451, 0.8745
CMYK	0.18, 0.00, 0.81, 0.35
HSL	73°, 68%, 39%
HSV	73°, 81%, 65%
XYZ	24.3960, 33.0601, 6.4619
YIQ	142.6400, 25.4550, -48.3450

# Conversions

## Conversions Part 2

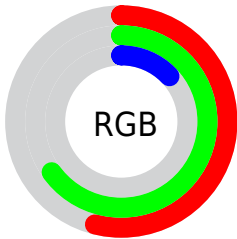
Format	Color
<a href="#">RYB</a>	<a href="#">32, 167, 62</a>
Decimal	<a href="#">9021216</a>
CIELab	<a href="#">64.21, -27.97, 60.28</a>
CIELCh	<a href="#">64, 66.454, 114.894</a>
Yxy	<a href="#">33.0601, 0.3817, 0.5172</a>
Android (android.graphics.Color)	<a href="#">4287211296 (0xFF89A720)</a>
YUV	<a href="#">142.6400, -54.5455, -4.9463</a>
Hunter-Lab	<a href="#">57.4979, -24.8850, 33.5852</a>

# Details

The Hex color **89A720** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3E20A7**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C2DE5A**, and **527300** is the 20% darker color. If you saturate the color by 10%, you get **85A70F**, and if you desaturate by 10%, it is **8DA731**.

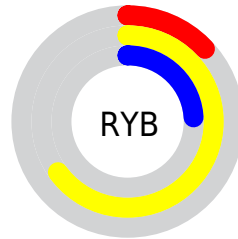
# Distribution



Red (54%)

Green (65%)

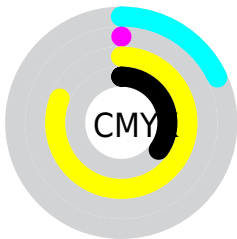
Blue (13%)



Red (13%)

Yellow (65%)

Blue (24%)

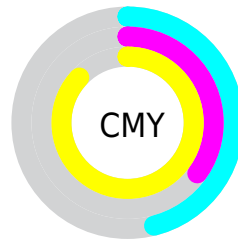


Cyan (18%)

Magenta (0%)

Yellow (81%)

Black (35%)



Cyan (46%)

Magenta (35%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A720 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 89A720 by changing the saturation by 10% instead.



 89A720

 89A720

FFFFFF

 6E8D00

 C2DE5A

 527300

 DFFB75

 395A00

 FCFF90

 1C4300

 FFFFAC

 002C00

 FFFFC8

 001700

 FFFF E5

 000000

 89A720

 89A720

 85A70F

 8DA731

■ 82A700

■ 90A741

■ 94A752

■ 98A763

■ 9CA773

■ 9FA784

■ A3A795

■ A7A7A6

■ AAA7B6

# Harmonies

## Analogous

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



C2950F



89A720



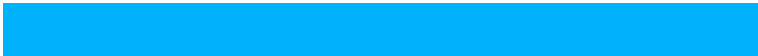
33B253

# Triad

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



89A720



00B2FC



FF62A8

# Complementary

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



89A720



3E20A7

# 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.



D975E1



89A720



00A6FF

# Square

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



89A720



00B7CC



8890FF



FF676D

# Rectangle

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



89A720



00B67B



8890FF



F766BC



# Sweetspot

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



89A720



CDD9A5



A73D20



676E4E



EDEDED



6E6E6E



# Same Dimension

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



89A720



AAD907



46A720



52544C



739400



101400



# Inverse Universe

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



3E20A7



3507D9



8120A7



4E4C54



210094



050014



# Previews

## White Background



This preview shows how the Hex color 89A720 looks on a white background.

## Color Contrast Check

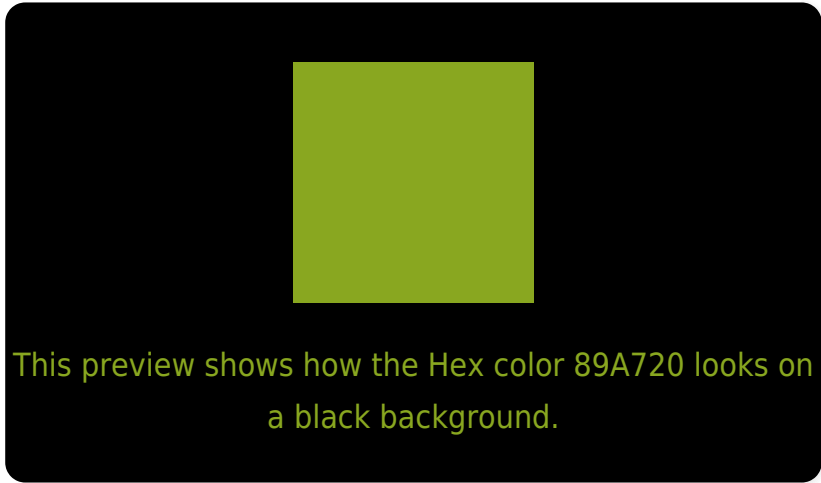
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89A720 Background



This preview shows how black text looks on a background with the Hex color 89A720.



This preview shows how white text looks on a background with the Hex color 89A720.

# 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](#).

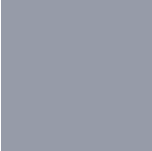
## Dichromacy



**Original Color**  
89A720

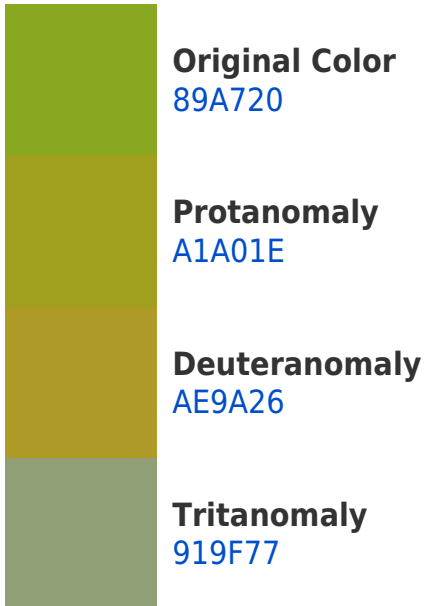
**Protanopia**  
AF9C1D

**Deuteranopia**  
C3932A



**Tritanopia**  
969BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A720 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 #89A720 looks like.

```
.text, #text, p{  
    color:#89A720  
}
```

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 #89A720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A720  
}
```

## Border

The CSS property to change the border of an element to Hex 89A720 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  
#89A720 }
```

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

```
.border{ border-color:#89A720 }
```

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

Here you see how a box with a 4 pixel #89A720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A720; -webkit-box-shadow:4px 4px  
4px 4px #89A720; box-shadow:4px 4px 4px  
4px #89A720 }
```

# Background

The CSS property to change the background color of an element to Hex 89A720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A720 }
```

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

```
.background{ background-color:#89A720 }
```

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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