

Converting Colors

Hex(8AA90C)

Have a look what the booklet for
Hex(8AA90C) contains.

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Color

Hex(8AA90C)

Conversions

Conversions Part 1

Format	Color
Hex	8AA90C
RGB	138, 169, 12
RGB Percent	54%, 66%, 5%
CMY	0.4588, 0.3373, 0.9529
CMYK	0.18, 0.00, 0.93, 0.34
HSL	72°, 87%, 35%
HSV	72°, 93%, 66%
XYZ	24.7356, 33.8058, 5.5693
YIQ	141.8330, 31.9210, -55.3990

Conversions

Conversions Part 2

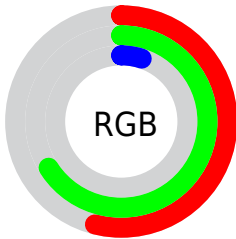
Format	Color
RYB	12, 169, 43
Decimal	9087244
CIELab	64.81, -29.09, 65.08
CIELCh	65, 71.287, 114.079
Yxy	33.8058, 0.3858, 0.5273
Android (android.graphics.Color)	4287277324 (0xFF8AA90C)
YUV	141.8330, -64.0077, -3.3615
Hunter-Lab	58.1427, -25.8108, 35.0207

Details

The Hex color **8AA90C** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2B0CA9**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C3E050**, and **537500** is the 20% darker color. If you saturate the color by 10%, you get **88A900**, and if you desaturate by 10%, it is **8DA91D**.

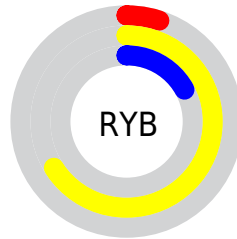
Distribution



Red (54%)

Green (66%)

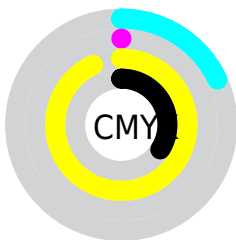
Blue (5%)



Red (5%)

Yellow (66%)

Blue (17%)

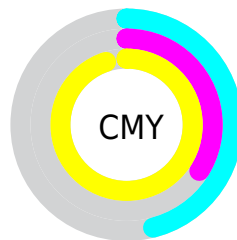


Cyan (18%)

Magenta (0%)

Yellow (93%)

Black (34%)



Cyan (46%)

Magenta (34%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA90C 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 8AA90C by changing the saturation by 10% instead.

 8AA90C

 8AA90C

FFFFFF

 6E8F00

 C3E050

 537500

 E0FD6B

 385C00

 FEFF87

 1B4400

 FFFFA3

 002E00

 FFFFBF

 001900

 FFFFDC

 000000

 FFFFFA

 8AA90C

 8AA90C

88A900

8DA91D

91A92E

94A93F

97A950

9BA960

9EA971

A1A982

A5A993

A8A9A4

Harmonies

Analogous

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



C69600



8AA90C



29B44D

Triad

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



8AA90C



00B6FF



FF5DAD

Complementary

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



8AA90C



2B0CA9

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.



DD74E9



8AA90C



00A9FF

Square

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



8AA90C



00BAD0



8392FF



FF626D

Rectangle

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



8AA90C



00B978



8392FF



FE62C2

Sweetspot

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



8AA90C



CFDB9E



A9290C



666E48



EDEDED



6E6E6E

Same Dimension

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



8AA90C



B0DB00



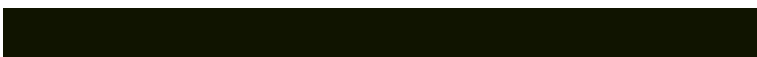
3EA90C



52544C



779400



101400

Inverse Universe

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



2B0CA9



2B00DB



770CA9



4D4C54



1D0094



040014

Previews

White Background



This preview shows how the Hex color 8AA90C looks on a white background.

Color Contrast Check

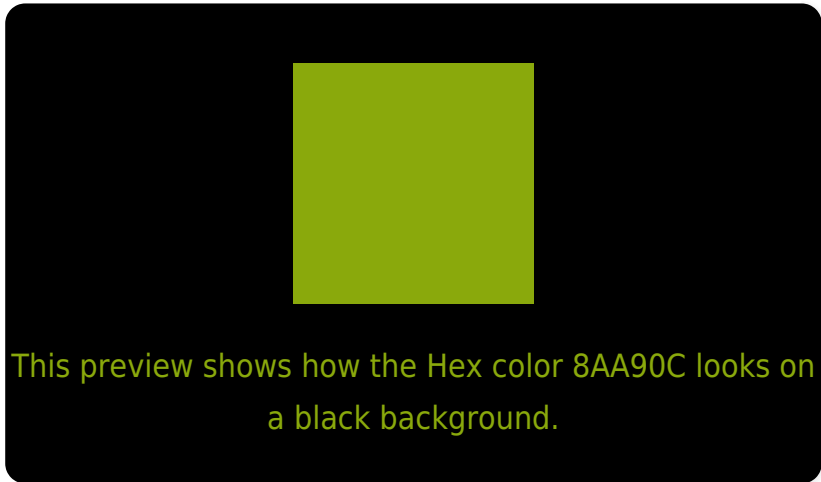
Large Text (above 18pt) WCAG AA × Fail

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 8AA90C Background



This preview shows how black text looks on a background with the Hex color 8AA90C.



This preview shows how white text looks on a background with the Hex color 8AA90C.

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
8AA90C

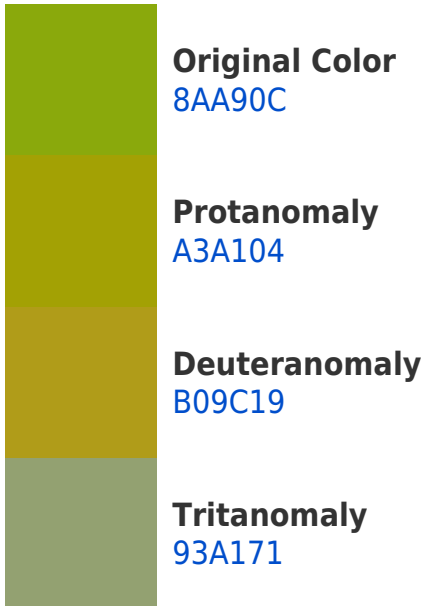
Protanopia
B19D00

Deuteranopia
C69520



Tritanopia
989DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA90C 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 #8AA90C looks like.

```
.text, #text, p{  
    color:#8AA90C  
}
```

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 #8AA90C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA90C
}
```

Border

The CSS property to change the border of an element to Hex 8AA90C 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
#8AA90C }
```

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

```
.border{ border-color:#8AA90C }
```

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

Here you see how a box with a 4 pixel #8AA90C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA90C; -webkit-box-shadow:4px 4px  
4px 4px #8AA90C; box-shadow:4px 4px 4px  
4px #8AA90C }
```

Background

The CSS property to change the background color of an element to Hex 8AA90C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA90C }
```

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

```
.background{ background-color:#8AA90C }
```

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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