

Converting Colors

Hex(8AA714)

Have a look what the booklet for
Hex(8AA714) contains.

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Color

Hex(8AA714)

Conversions

Conversions Part 1

Format	Color
Hex	8AA714
RGB	138, 167, 20
RGB Percent	54%, 65%, 8%
CMY	0.4588, 0.3451, 0.9216
CMYK	0.17, 0.00, 0.88, 0.35
HSL	72°, 79%, 37%
HSV	72°, 88%, 65%
XYZ	24.4262, 33.0912, 5.7617
YIQ	141.5710, 29.9030, -51.8650

Conversions

Conversions Part 2

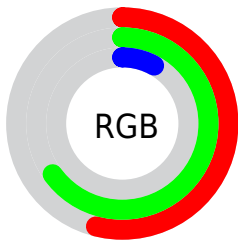
Format	Color
RYB	20, 167, 49
Decimal	9086740
CIELab	64.23, -27.95, 63.25
CIElCh	64, 69.150, 113.841
Yxy	33.0912, 0.3860, 0.5229
Android (android.graphics.Color)	4287276820 (0xFF8AA714)
YUV	141.5710, -59.9345, -3.1318
Hunter-Lab	57.5250, -24.8741, 34.3290

Details

The Hex color **8AA714** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3114A7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C3DE53**, and **537300** is the 20% darker color. If you saturate the color by 10%, you get **87A703**, and if you desaturate by 10%, it is **8DA725**.

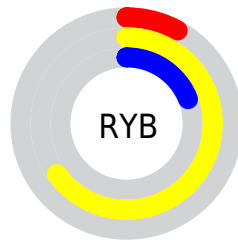
Distribution



Red (54%)

Green (65%)

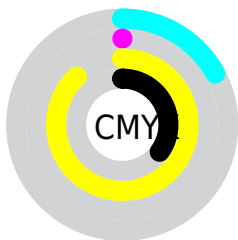
Blue (8%)



Red (8%)

Yellow (65%)

Blue (19%)

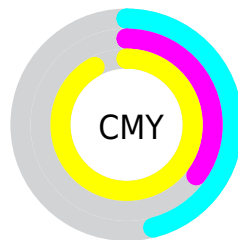


Cyan (17%)

Magenta (0%)

Yellow (88%)

Black (35%)



Cyan (46%)

Magenta (35%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA714 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 8AA714 by changing the saturation by 10% instead.

8AA714

8AA714

FFFFFF

6E8D00

C3DE53

537300

E0FB6E

395A00

FEFF8A

1C4300

FFFFA6

002C00

FFFFC2

001700

FFFFDF

000000

FFFFFC

8AA714

8AA714

■ 87A703

■ 8DA725

■ 86A700

■ 91A735

■ 94A746

■ 97A757

■ 9AA767

■ 9EA778

■ A1A789

■ A4A79A

■ A8A7AA

Harmonies

Analogous

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



C49400



8AA714



30B24E

Triad

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



8AA714



00B3FF



FF5FAB

Complementary

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



8AA714



3114A7

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.



DA74E5



8AA714



00A7FF

Square

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



8AA714



00B8CC



8291FF



FF636E

Rectangle

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



8AA714



00B677



8291FF



FA64C0

Sweetspot

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



8AA714



CED9A0



A72F14



676E4C



EDEDED



6E6E6E

Same Dimension

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



8AA714



AED900



43A714



52544C



779400



101400

Inverse Universe

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



3114A7



2B00D9



7814A7



4D4C54



1D0094



040014

Previews

White Background



This preview shows how the Hex color 8AA714 looks on a white background.

Color Contrast Check

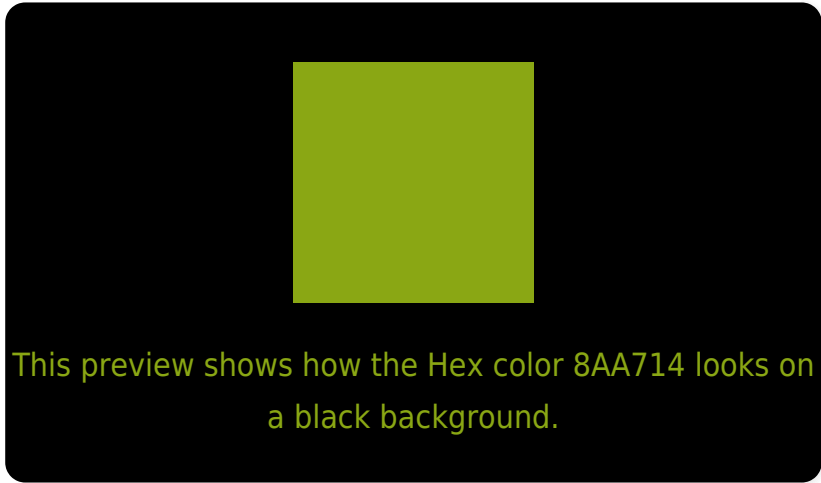
Large Text (above 18pt) WCAG AA × Fail

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 8AA714 Background



This preview shows how black text looks on a background with the Hex color 8AA714.



This preview shows how white text looks on a background with the Hex color 8AA714.

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](#).

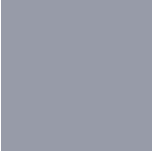
Dichromacy



Original Color
8AA714

Protanopia
AF9C10

Deuteranopia
C49323



Tritanopia
979BA8

Trichromacy



Original Color
8AA714

Protanomaly
A2A011

Deuteranomaly
AF9A1E

Tritanomaly
929F72

Monochromacy



Original Color
8AA714

Achromatopsia
8E8E8E

Achromatomaly
8D9762

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA714 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 #8AA714 looks like.

```
.text, #text, p{  
    color:#8AA714  
}
```

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 #8AA714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA714
}
```

Border

The CSS property to change the border of an element to Hex 8AA714 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
#8AA714 }
```

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

```
.border{ border-color:#8AA714 }
```

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

Here you see how a box with a 4 pixel #8AA714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA714; -webkit-box-shadow:4px 4px  
4px 4px #8AA714; box-shadow:4px 4px 4px  
4px #8AA714 }
```

Background

The CSS property to change the background color of an element to Hex 8AA714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA714 }
```

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

```
.background{ background-color:#8AA714 }
```

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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