

Converting Colors

Hex(8AA210)

Have a look what the booklet for
Hex(8AA210) contains.

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Color

Hex(8AA210)

Conversions

Conversions Part 1

Format	Color
Hex	8AA210
RGB	138, 162, 16
RGB Percent	54%, 64%, 6%
CMY	0.4588, 0.3647, 0.9373
CMYK	0.15, 0.00, 0.90, 0.36
HSL	70°, 82%, 35%
HSV	70°, 90%, 64%
XYZ	23.4951, 31.2813, 5.2898
YIQ	138.1800, 32.5620, -50.4940

Conversions

Conversions Part 2

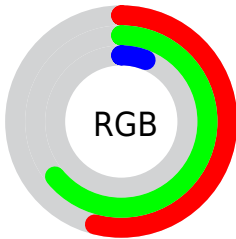
Format	Color
RYB	16, 162, 40
Decimal	9085456
CIELab	62.74, -25.62, 62.79
CIElCh	63, 67.814, 112.196
Yxy	31.2813, 0.3912, 0.5208
Android (android.graphics.Color)	4287275536 (0xFF8AA210)
YUV	138.1800, -60.2347, -0.1579
Hunter-Lab	55.9297, -22.8923, 33.5432

Details

The Hex color **8AA210** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2810A2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C3D950**, and **536E00** is the 20% darker color. If you saturate the color by 10%, you get **87A200**, and if you desaturate by 10%, it is **8DA220**.

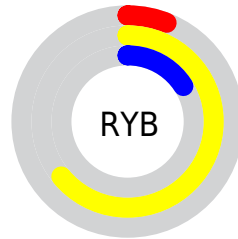
Distribution



Red (54%)

Green (64%)

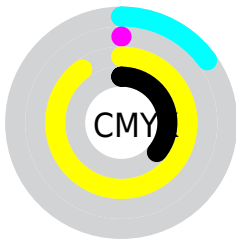
Blue (6%)



Red (6%)

Yellow (64%)

Blue (16%)

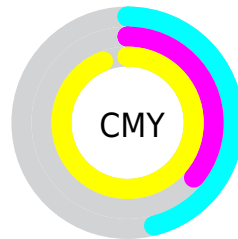


Cyan (15%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA210 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 8AA210 by changing the saturation by 10% instead.



8AA210



8AA210

FFFFFF



6E8800



C3D950



536E00



E0F56B



395600



FEFF87



1D3F00



FFFFA3



002800



FFFFBF



001100



FFFDC



000000



FFFFF9



8AA210



8AA210

■ 87A200

■ 8DA220

■ 8FA230

■ 92A241

■ 95A251

■ 97A261

■ 9AA271

■ 9DA281

■ 9FA292

■ A2A2A2

Harmonies

Analogous

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



C28F02



8AA210



37AD49

Triad

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



8AA210



00AFF6



FB5DAA

Complementary

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



8AA210



2810A2

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.



D173E2



8AA210



00A3FF

Square

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



8AA210



00B4C4



788FFF



FF5F6E

Rectangle

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



8AA210



00B171



788FFF



F162BE

Sweetspot

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



8AA210



CAD49B



A22610



656B49



EBEBEB



6B6B6B

Same Dimension

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



8AA210



B1D400



43A210



505249



799100



0F1200

Inverse Universe

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



2810A2



2300D4



6F10A2



4B4952



180091



030012

Previews

White Background



This preview shows how the Hex color 8AA210 looks on a white background.

Color Contrast Check

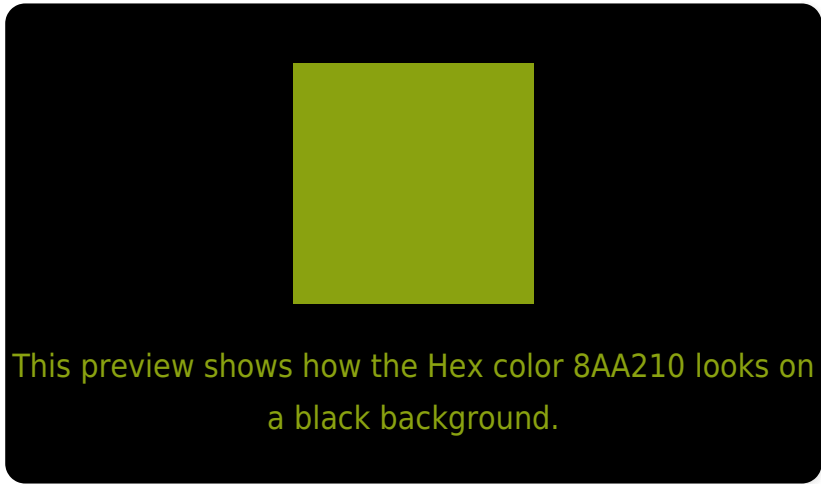
Large Text (above 18pt) WCAG AA × Fail

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 8AA210 Background



This preview shows how black text looks on a background with the Hex color 8AA210.

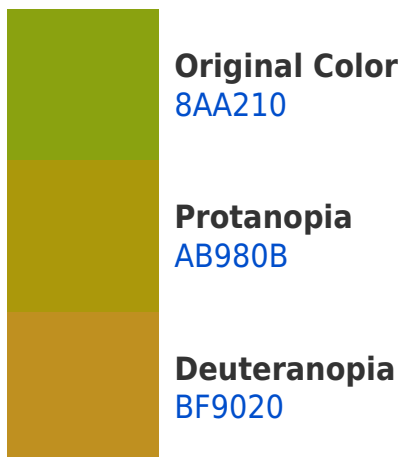


This preview shows how white text looks on a background with the Hex color 8AA210.

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





Tritanopia
9797A3

Trichromacy



Original Color
8AA210

Protanomaly
9F9C0D

Deuteranomaly
AC971A

Tritanomaly
929B6E

Monochromacy



Original Color
8AA210

Achromatopsia
8A8A8A

Achromatomaly
8A935E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA210 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 #8AA210 looks like.

```
.text, #text, p{  
    color:#8AA210  
}
```

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 #8AA210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA210
}
```

Border

The CSS property to change the border of an element to Hex 8AA210 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
#8AA210 }
```

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

```
.border{ border-color:#8AA210 }
```

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

Here you see how a box with a 4 pixel #8AA210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA210; -webkit-box-shadow:4px 4px  
4px 4px #8AA210; box-shadow:4px 4px 4px  
4px #8AA210 }
```

Background

The CSS property to change the background color of an element to Hex 8AA210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA210 }
```

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

```
.background{ background-color:#8AA210 }
```

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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