

Converting Colors

Hex(8AA205)

Have a look what the booklet for
Hex(8AA205) contains.

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Color

Hex(8AA205)

Conversions

Conversions Part 1

Format	Color
Hex	8AA205
RGB	138, 162, 5
RGB Percent	54%, 64%, 2%
CMY	0.4588, 0.3647, 0.9804
CMYK	0.15, 0.00, 0.97, 0.36
HSL	69°, 94%, 33%
HSV	69°, 97%, 64%
XYZ	23.4290, 31.2549, 4.9415
YIQ	136.9260, 36.0930, -53.9150

Conversions

Conversions Part 2

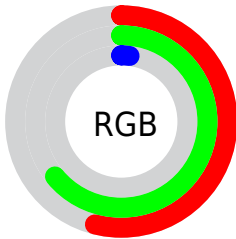
Format	Color
RYB	5, 162, 29
Decimal	9085445
CIELab	62.72, -25.82, 64.39
CIELCh	63, 69.371, 111.849
Yxy	31.2549, 0.3929, 0.5242
Android (android.graphics.Color)	4287275525 (0xFF8AA205)
YUV	136.9260, -65.0395, 0.9419
Hunter-Lab	55.9061, -23.0304, 33.8936

Details

The Hex color **8AA205** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1D05A2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C3D94C**, and **536E00** is the 20% darker color. If you saturate the color by 10%, you get **89A200**, and if you desaturate by 10%, it is **8CA215**.

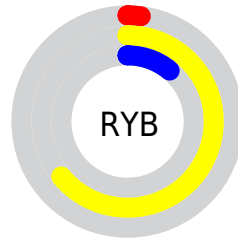
Distribution



Red (54%)

Green (64%)

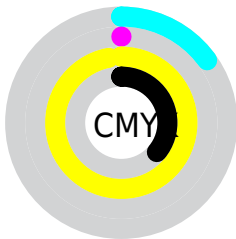
Blue (2%)



Red (2%)

Yellow (64%)

Blue (11%)

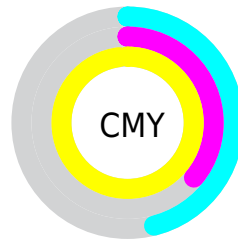


Cyan (15%)

Magenta (0%)

Yellow (97%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA205 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 8AA205 by changing the saturation by 10% instead.



8AA205



8AA205

FFFFFF



6E8800



C3D94C



536E00



E0F567



385600



FEFF83



1D3F00



FFFF9F



002800



FFFFBB



001100



FFFFD8



000000



FFFFF5



8AA205



8AA205

■ 89A200

■ 8CA215

■ 8FA225

■ 91A236

■ 94A246

■ 96A256

■ 99A266

■ 9BA276

■ 9EA287

■ A0A297

Harmonies

Analogous

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



C38F00



8AA205



34AE46

Triad

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



8AA205



00B0F8



FD5AAB

Complementary

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



8AA205



1D05A2

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.



D172E5



8AA205



00A4FF

Square

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



8AA205



00B4C4



748FFF



FF5D6E

Rectangle

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



8AA205



00B26F



748FFF



F360C0

Sweetspot

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



8AA205



CAD496



A21D05



656B46



EBEBEB



6B6B6B

Same Dimension

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



8AA205



B3D400



3CA205



505249



7B9100



0F1200

Inverse Universe

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



1D05A2



2000D4



6B05A2



4B4952



160091



030012

Previews

White Background



This preview shows how the Hex color 8AA205 looks on a white background.

Color Contrast Check

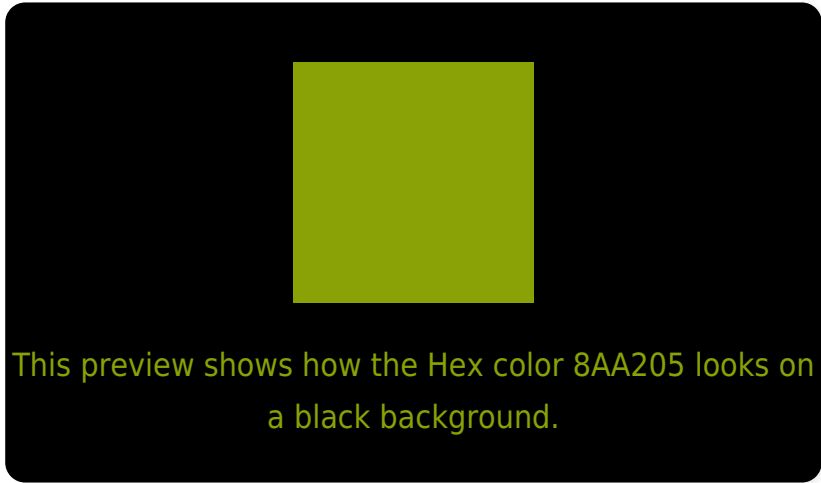
Large Text (above 18pt) WCAG AA × Fail

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 8AA205 Background



This preview shows how black text looks on a background with the Hex color 8AA205.

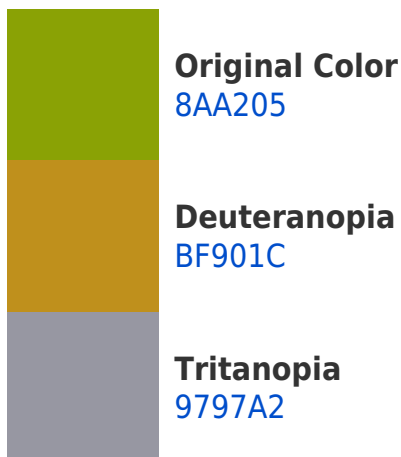


This preview shows how white text looks on a background with the Hex color 8AA205.

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



Trichromacy



Original Color
8AA205

Deuteranomaly
AC9714

Tritanomaly
929B69

Monochromacy



Original Color
8AA205

Achromatopsia
898989

Achromatomaly
899259

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA205 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 #8AA205 looks like.

```
.text, #text, p{  
    color:#8AA205  
}
```

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 #8AA205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA205
}
```

Border

The CSS property to change the border of an element to Hex 8AA205 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
#8AA205 }
```

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

```
.border{ border-color:#8AA205 }
```

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

Here you see how a box with a 4 pixel #8AA205 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA205; -webkit-box-shadow:4px 4px  
4px 4px #8AA205; box-shadow:4px 4px 4px  
4px #8AA205 }
```

Background

The CSS property to change the background color of an element to Hex 8AA205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA205 }
```

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

```
.background{ background-color:#8AA205 }
```

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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