

Converting Colors

Hex(8AAF45)

Have a look what the booklet for
Hex(8AAF45) contains.

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Color

Hex(8AAF45)

Conversions

Conversions Part 1

Format	Color
Hex	8AAF45
RGB	138, 175, 69
RGB Percent	54%, 69%, 27%
CMY	0.4588, 0.3137, 0.7294
CMYK	0.21, 0.00, 0.61, 0.31
HSL	81°, 43%, 48%
HSV	81°, 61%, 69%
XYZ	26.8854, 36.4929, 11.2570
YIQ	151.8530, 11.9740, -40.8100

Conversions

Conversions Part 2

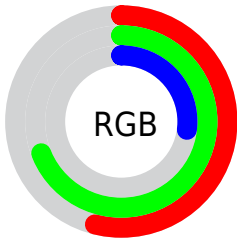
Format	Color
RYB	69, 175, 106
Decimal	9088837
CIELab	66.89, -29.09, 49.05
CIELCh	67, 57.029, 120.666
Yxy	36.4929, 0.3602, 0.4889
Android (android.graphics.Color)	4287278917 (0xFF8AAF45)
YUV	151.8530, -40.8465, -12.1491
Hunter-Lab	60.4093, -26.2743, 31.2381

Details

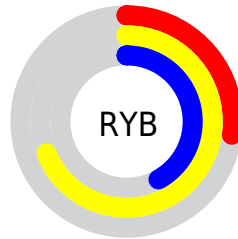
The Hex color **8AAF45** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A45AF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C2E779**, and **557A0C** is the 20% darker color. If you saturate the color by 10%, you get **84AF33**, and if you desaturate by 10%, it is **90AF56**.

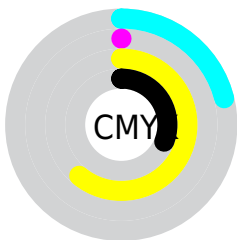
Distribution



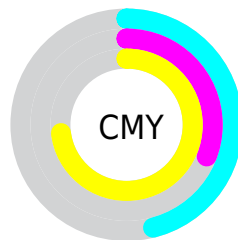
- Red (54%)
- Green (69%)
- Blue (27%)



- Red (27%)
- Yellow (69%)
- Blue (42%)



- Cyan (21%)
- Magenta (0%)
- Yellow (61%)
- Black (31%)



- Cyan (46%)
- Magenta (31%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AAF45 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 8AAF45 by changing the saturation by 10% instead.



8AAF45



8AAF45

FFFFFF



6F942B



C2E779



557A0C



DEFF94



3B6100



FCFFB0



214900



FFFFCC



013200



FFFFE8



002000



000000



8AAF45



8AAF45



84AF33



90AF56

 7EAF22

 96AF68

 78AF10

 9CAF79

 72AF00

 A2AF8B

 A9AF9C

 AF AF AE

 B5AF C0

 BB AF D1

 C1 AF E3

Harmonies

Analogous

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



BEA035



8AAF45



41B86E

Triad

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



8AAF45



00B5FC



FF75A4

Complementary

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



8AAF45



6A45AF

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.



E280D6



8AAF45



2EA8FF

Square

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



8AAF45



00BBD6



A695FB



FE7B71

Rectangle

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



8AAF45



00BB90



A695FB



F977B5

Sweetspot

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



8AAF45



D5E3BA



AF6845



6A735A



F2F2F2



737373

Same Dimension

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



8AAF45



A9E33D



57AF45



54574E



629600



0F1700

Inverse Universe

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



6A45AF



773DE3



9D45AF



514E57



350096



080017

Previews

White Background



This preview shows how the Hex color 8AAF45 looks on a white background.

Color Contrast Check

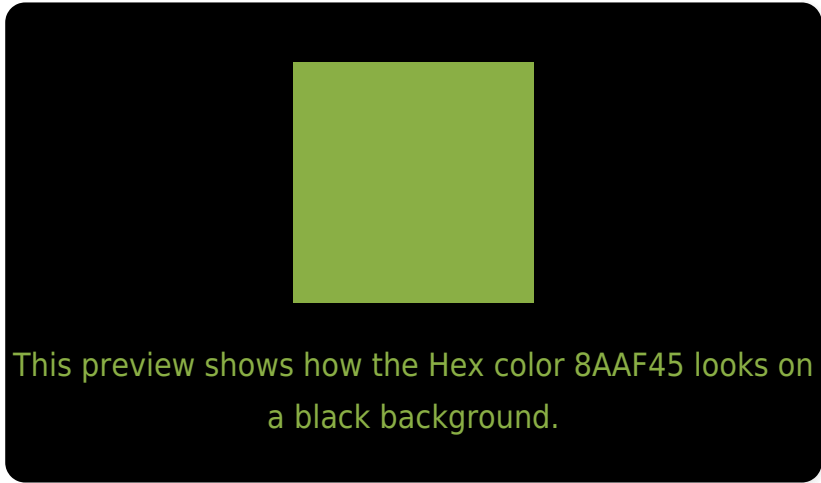
Large Text (above 18pt) WCAG AA × Fail

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 8AAF45 Background



This preview shows how black text looks on a background with the Hex color 8AAF45.



This preview shows how white text looks on a background with the Hex color 8AAF45.

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
8AAF45

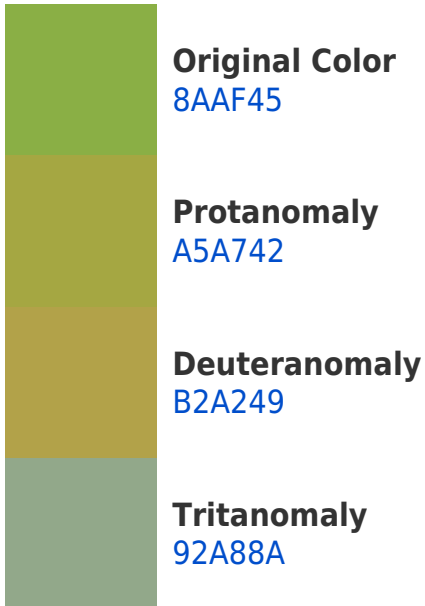
Protanopia
B5A341

Deuteranopia
C99A4B

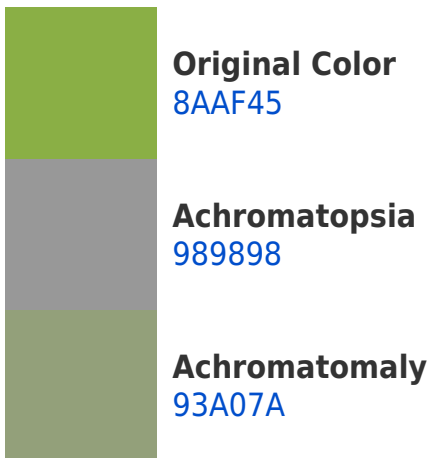


Tritanopia
97A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AAF45 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 #8AAF45 looks like.

```
.text, #text, p{  
    color:#8AAF45  
}
```

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 #8AAF45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AAF45
}
```

Border

The CSS property to change the border of an element to Hex 8AAF45 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
#8AAF45 }
```

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

```
.border{ border-color:#8AAF45 }
```

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

Here you see how a box with a 4 pixel #8AAF45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AAF45; -webkit-box-shadow:4px 4px  
4px 4px #8AAF45; box-shadow:4px 4px 4px  
4px #8AAF45 }
```

Background

The CSS property to change the background color of an element to Hex 8AAF45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AAF45 }
```

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

```
.background{ background-color:#8AAF45 }
```

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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