

Converting Colors

Hex(8EA445)

Have a look what the booklet for
Hex(8EA445) contains.

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Color

Hex(8EA445)

Conversions

Conversions Part 1

Format	Color
Hex	8EA445
RGB	142, 164, 69
RGB Percent	56%, 64%, 27%
CMY	0.4431, 0.3569, 0.7294
CMYK	0.13, 0.00, 0.58, 0.36
HSL	74°, 41%, 46%
HSV	74°, 58%, 64%
XYZ	25.5050, 32.7314, 10.6038
YIQ	146.5920, 17.3830, -34.2090

Conversions

Conversions Part 2

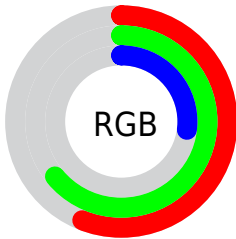
Format	Color
RYB	69, 164, 91
Decimal	9348165
CIELab	63.94, -22.08, 45.82
CIELCh	64, 50.859, 115.730
Yxy	32.7314, 0.3705, 0.4755
Android (android.graphics.Color)	4287538245 (0xFF8EA445)
YUV	146.5920, -38.2529, -4.0272
Hunter-Lab	57.2113, -20.5441, 29.0589

Details

The Hex color **8EA445** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5B45A4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C6DB79**, and **59700F** is the 20% darker color. If you saturate the color by 10%, you get **8AA435**, and if you desaturate by 10%, it is **92A455**.

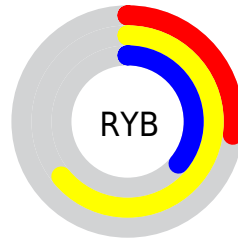
Distribution



Red (56%)

Green (64%)

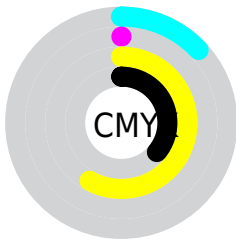
Blue (27%)



Red (27%)

Yellow (64%)

Blue (36%)

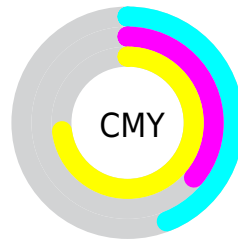


Cyan (13%)

Magenta (0%)

Yellow (58%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA445 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 8EA445 by changing the saturation by 10% instead.



8EA445



8EA445

FFFFFF



738A2B



C6DB79



59700F



E2F793



405800



FFFFAF



274000



FFFFCA



0C2A00



FFFFE7



001600



000000



8EA445



8EA445



8AA435



92A455

86A424

96A466

83A414

99A476

7FA403

9DA487

7EA400

A1A497

A5A4A7

A9A4B8

ACA4C8

B0A4D9

Harmonies

Analogous

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



BA963D



8EA445



55AD66

Triad

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



8EA445



00ACE5



EA74A3

Complementary

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



8EA445



5B45A4

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.



CD80CF



8EA445



24A2F5

Square

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



8EA445



00B1C1



9392ED



EE7776

Rectangle

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



8EA445



00B083



9392ED



E377B3

Sweetspot

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



8EA445



CED6B2



A45A45



666B56



EBEBEB



6B6B6B

Same Dimension

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



8EA445



B3D640



60A445



505249



709100



0E1200

Inverse Universe

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



5B45A4



6340D6



8945A4



4B4952



220091



040012

Previews

White Background



This preview shows how the Hex color 8EA445 looks on a white background.

Color Contrast Check

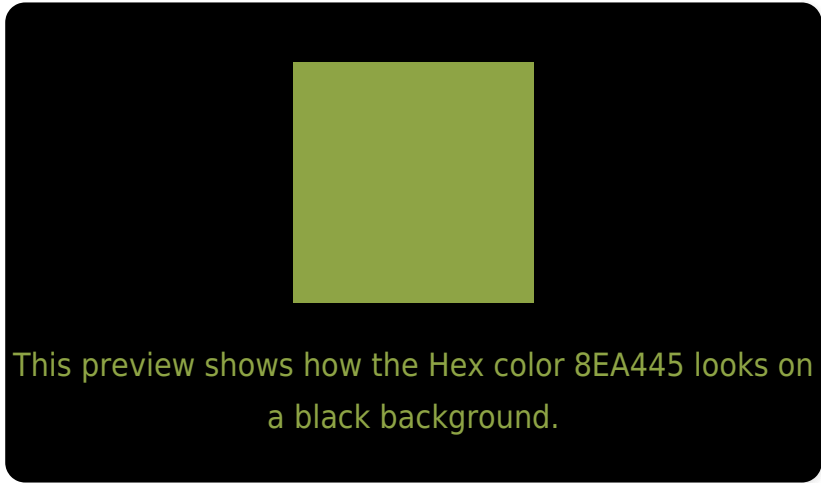
Large Text (above 18pt) WCAG AA × Fail

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

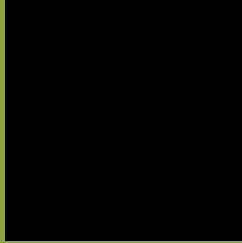
Any Text WCAG AA ✓ Pass

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 8EA445 Background



This preview shows how black text looks on a background with the Hex color 8EA445.



This preview shows how white text looks on a background with the Hex color 8EA445.

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
8EA445

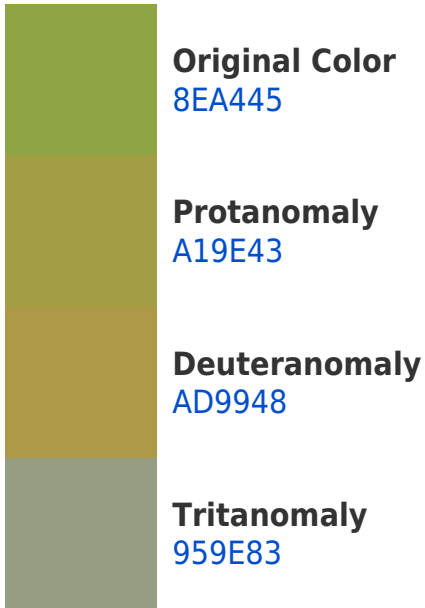
Protanopia
AC9B42

Deuteranopia
BF934A



Tritanopia
999AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA445 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 #8EA445 looks like.

```
.text, #text, p{  
    color:#8EA445  
}
```

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 #8EA445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA445
}
```

Border

The CSS property to change the border of an element to Hex 8EA445 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
#8EA445 }
```

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

```
.border{ border-color:#8EA445 }
```

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

Here you see how a box with a 4 pixel #8EA445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA445; -webkit-box-shadow:4px 4px  
4px 4px #8EA445; box-shadow:4px 4px 4px  
4px #8EA445 }
```

Background

The CSS property to change the background color of an element to Hex 8EA445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA445 }
```

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

```
.background{ background-color:#8EA445 }
```

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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