

Converting Colors

Hex(8BA642)

Have a look what the booklet for
Hex(8BA642) contains.

Hex(8BA642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8BA642)

Conversions

Conversions Part 1

Format	Color
Hex	8BA642
RGB	139, 166, 66
RGB Percent	55%, 65%, 26%
CMY	0.4549, 0.3490, 0.7412
CMYK	0.16, 0.00, 0.60, 0.35
HSL	76°, 43%, 45%
HSV	76°, 60%, 65%
XYZ	25.2670, 33.1548, 10.2220
YIQ	146.5270, 16.0080, -36.8240

Conversions

Conversions Part 2

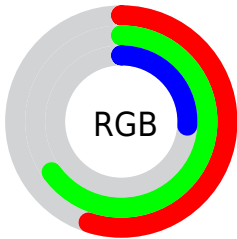
Format	Color
RYB	66, 166, 93
Decimal	9152066
CIELab	64.29, -24.56, 47.53
CIELCh	64, 53.499, 117.333
Yxy	33.1548, 0.3681, 0.4830
Android (android.graphics.Color)	4287342146 (0xFF8BA642)
YUV	146.5270, -39.6998, -6.6012
Hunter-Lab	57.5802, -22.4368, 29.7805

Details

The Hex color **8BA642** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5D42A6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C3DD76**, and **567209** is the 20% darker color. If you saturate the color by 10%, you get **87A631**, and if you desaturate by 10%, it is **8FA653**.

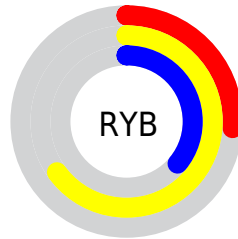
Distribution



Red (55%)

Green (65%)

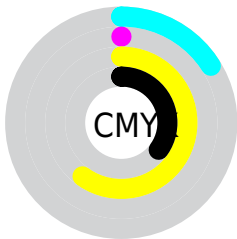
Blue (26%)



Red (26%)

Yellow (65%)

Blue (36%)

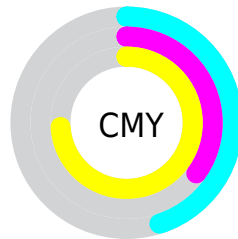


Cyan (16%)

Magenta (0%)

Yellow (60%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BA642 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 8BA642 by changing the saturation by 10% instead.



8BA642



8BA642

FFFFFF



708C28



C3DD76



567209



DFFA90



3C5900



FCFFAC



244200



FFFFC8



062B00



FFFFE4



001800



000000



8BA642



8BA642



87A631



8FA653

82A621

94A663

7EA610

98A674

79A600

9DA684

A1A695

A6A6A6

AAA6B6

AFA6C7

B3A6D7

Harmonies

Analogous

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



BA9837



8BA642



4DAF66

Triad

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



8BA642



00AEEB



F072A2

Complementary

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



8BA642



5D42A6

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.



D27ED0



8BA642



1AA2FB

Square

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



8BA642



00B3C6



9791F1



F37673

Rectangle

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



8BA642



00B285



9791F1



E974B2

Sweetspot

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



8BA642



CED9B2



A65D42



676E56



EDEDED



6E6E6E

Same Dimension

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



8BA642



AFD93D



59A642



52544C



6C9400



0F1400

Inverse Universe

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



5D42A6



673DD9



8F42A6



4E4C54



280094



060014

Previews

White Background



This preview shows how the Hex color 8BA642 looks on a white background.

Color Contrast Check

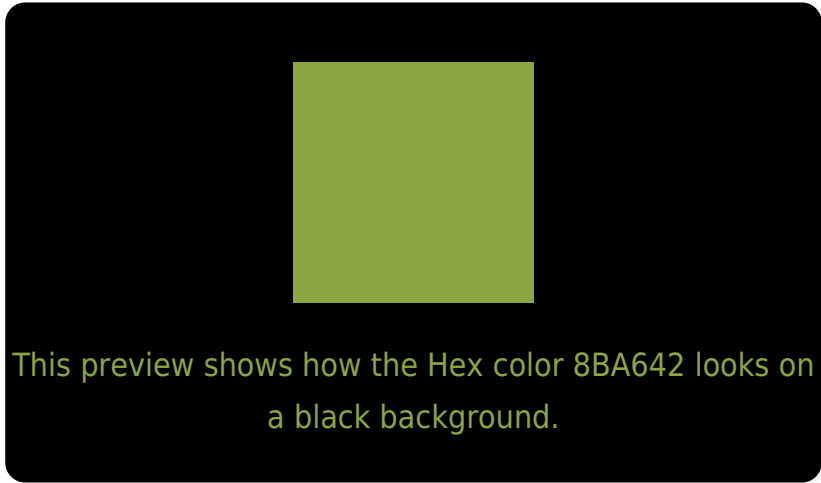
Large Text (above 18pt) WCAG AA × Fail

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 8BA642 Background



This preview shows how black text looks on a background with the Hex color 8BA642.



This preview shows how white text looks on a background with the Hex color 8BA642.

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
8BA642

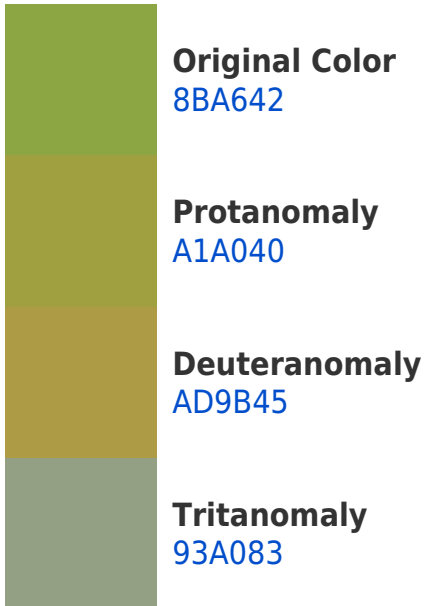
Protanopia
AD9C3F

Deuteranopia
C09447

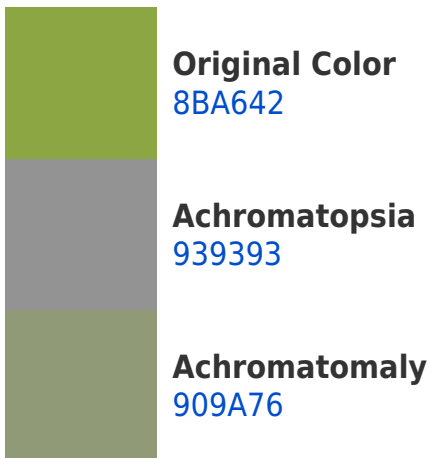


Tritanopia
979CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BA642 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 #8BA642 looks like.

```
.text, #text, p{  
    color:#8BA642  
}
```

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 #8BA642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BA642
}
```

Border

The CSS property to change the border of an element to Hex 8BA642 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
#8BA642 }
```

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

```
.border{ border-color:#8BA642 }
```

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

Here you see how a box with a 4 pixel #8BA642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BA642; -webkit-box-shadow:4px 4px  
4px 4px #8BA642; box-shadow:4px 4px 4px  
4px #8BA642 }
```

Background

The CSS property to change the background color of an element to Hex 8BA642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BA642 }
```

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

```
.background{ background-color:#8BA642 }
```

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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