

Converting Colors

Hex(8CA737)

Have a look what the booklet for
Hex(8CA737) contains.

Hex(8CA737)	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(8CA737)

Conversions

Conversions Part 1

Format	Color
Hex	8CA737
RGB	140, 167, 55
RGB Percent	55%, 65%, 22%
CMY	0.4510, 0.3451, 0.7843
CMYK	0.16, 0.00, 0.67, 0.35
HSL	74°, 50%, 44%
HSV	74°, 67%, 65%
XYZ	25.3235, 33.4887, 8.7437
YIQ	146.1590, 19.8600, -40.5560

Conversions

Conversions Part 2

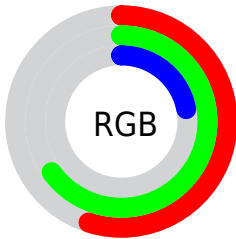
Format	Color
RYB	55, 167, 82
Decimal	9217847
CIELab	64.55, -25.48, 52.60
CIELCh	65, 58.449, 115.848
Yxy	33.4887, 0.3749, 0.4957
Android (android.graphics.Color)	4287407927 (0xFF8CA737)
YUV	146.1590, -44.9414, -5.4014
Hunter-Lab	57.8694, -23.1604, 31.5503

Details

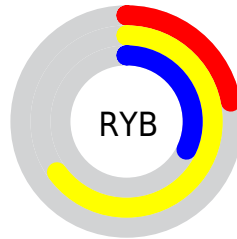
The Hex color **8CA737** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5237A7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C4DE6C**, and **567300** is the 20% darker color. If you saturate the color by 10%, you get **88A726**, and if you desaturate by 10%, it is **90A748**.

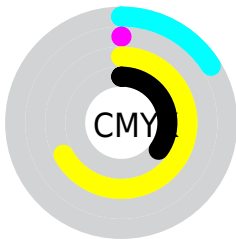
Distribution



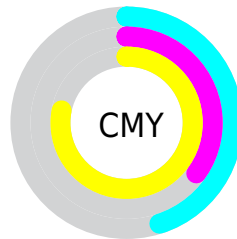
- Red (55%)
- Green (65%)
- Blue (22%)



- Red (22%)
- Yellow (65%)
- Blue (32%)



- Cyan (16%)
- Magenta (0%)
- Yellow (67%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CA737 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 8CA737 by changing the saturation by 10% instead.

 8CA737

 8CA737

FFFFFF

 718D1A

 C4DE6C

 567300

 E1FB87

 3C5A00

 FEFFA2

 224300

 FFFFBE

 052C00

 FFFFDA

 001900

 FFFFF7

 000000

 8CA737

 8CA737

 88A726

 90A748

■ 84A716

■ 94A758

■ 80A705

■ 98A769

■ 7FA700

■ 9CA77A

■ A0A78B

■ A4A79B

■ A8A7AC

■ ACA7BD

■ B0A7CD

Harmonies

Analogous

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



BF972C



8CA737



46B15F

Triad

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



8CA737



00B0F2



F76DA6

Complementary

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



8CA737



5237A7

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.



D57CD8



8CA737



00A5FF

Square

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



8CA737



00B5C9



9192FB



FB7172

Rectangle

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



8CA737



00B481



9192FB



EF70B8

Sweetspot

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



8CA737



CED9AD



A75137



676E53



EDEDED



6E6E6E

Same Dimension

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



8CA737



AFD92B



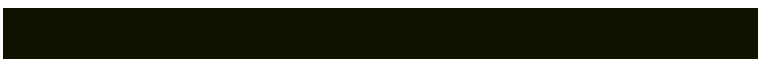
55A737



52544C



709400



0F1400

Inverse Universe

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



5237A7



552BD9



8937A7



4E4C54



240094



050014

Previews

White Background



This preview shows how the Hex color 8CA737 looks on a white background.

Color Contrast Check

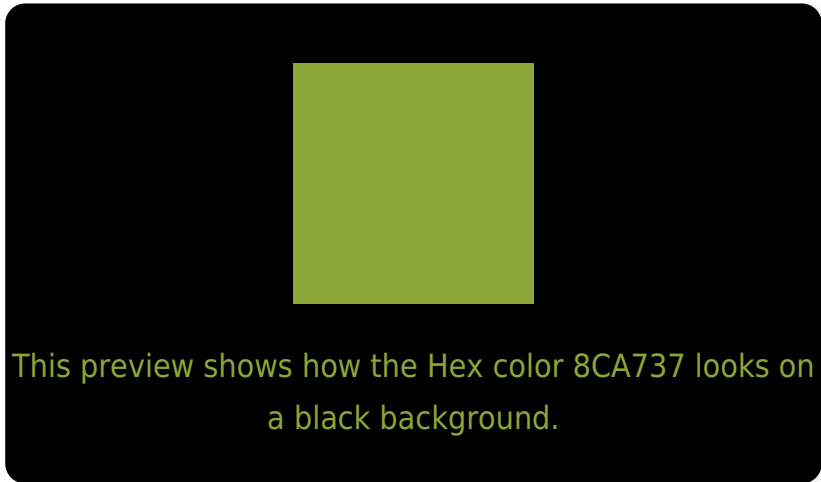
Large Text (above 18pt) WCAG AA × Fail

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 8CA737 Background



This preview shows how black text looks on a background with the Hex color 8CA737.



This preview shows how white text looks on a background with the Hex color 8CA737.

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
8CA737

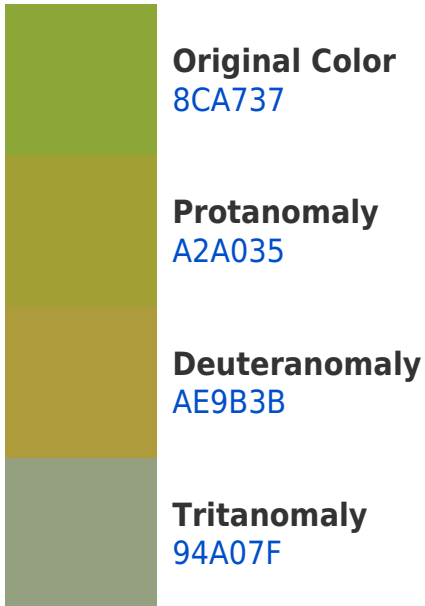
Protanopia
AF9C34

Deuteranopia
C2943D

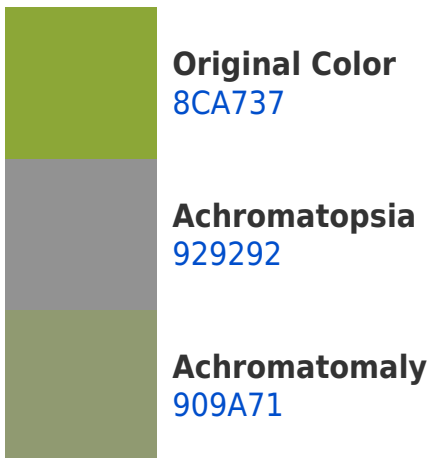


Tritanopia
989CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CA737 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 #8CA737 looks like.

```
.text, #text, p{  
    color:#8CA737  
}
```

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 #8CA737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA737
}
```

Border

The CSS property to change the border of an element to Hex 8CA737 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
#8CA737 }
```

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

```
.border{ border-color:#8CA737 }
```

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

Here you see how a box with a 4 pixel #8CA737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA737; -webkit-box-shadow:4px 4px  
4px 4px #8CA737; box-shadow:4px 4px 4px  
4px #8CA737 }
```

Background

The CSS property to change the background color of an element to Hex 8CA737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA737 }
```

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

```
.background{ background-color:#8CA737 }
```

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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