

# Converting Colors

Hex(8ED42C)

Have a look what the booklet for  
Hex(8ED42C) contains.

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# **Color**

**Hex(8ED42C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ED42C
RGB	142, 212, 44
RGB Percent	56%, 83%, 17%
CMY	0.4431, 0.1686, 0.8275
CMYK	0.33, 0.00, 0.79, 0.17
HSL	85°, 66%, 50%
HSV	85°, 79%, 83%
XYZ	35.1534, 53.0196, 10.7639
YIQ	171.9180, 12.2080, -67.0880

# Conversions

## Conversions Part 2

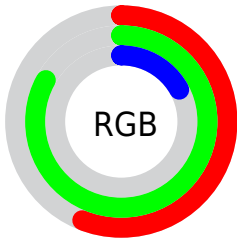
Format	Color
<a href="#">RYB</a>	<a href="#">44, 212, 114</a>
Decimal	<a href="#">9360428</a>
CIELab	<a href="#">77.89, -45.78, 69.40</a>
CIELCh	<a href="#">78, 83.136, 123.411</a>
Yxy	<a href="#">53.0196, 0.3553, 0.5359</a>
Android (android.graphics.Color)	<a href="#">4287550508 (0xFF8ED42C)</a>
YUV	<a href="#">171.9180, -63.0636, -26.2381</a>
Hunter-Lab	<a href="#">72.8146, -41.2492, 42.2056</a>

# Details

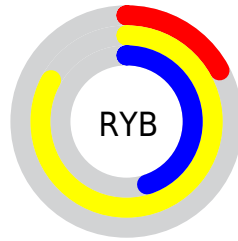
The Hex color **8ED42C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **722CD4**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C8FF68**, and **549D00** is the 20% darker color. If you saturate the color by 10%, you get **85D417**, and if you desaturate by 10%, it is **97D441**.

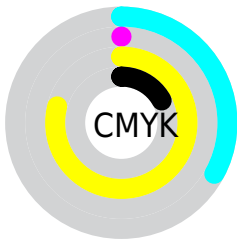
# Distribution



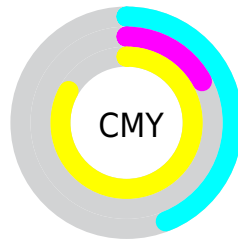
- Red (56%)
- Green (83%)
- Blue (17%)



- Red (17%)
- Yellow (83%)
- Blue (45%)



- Cyan (33%)
- Magenta (0%)
- Yellow (79%)
- Black (17%)



- Cyan (44%)
- Magenta (17%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ED42C 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 8ED42C by changing the saturation by 10% instead.



 8ED42C

 8ED42C

FFFFFF

 71B800

 C8FF68

 549D00

 E6FF84

 368200

 FFFFA1

 116900

 FFFFBD

 005000

 FFFFDB

 003800

 FFFFF8

 002200

 000000

 8ED42C

 8ED42C

 85D417

 97D441

 7CD402

 A0D456

 7CD400

 A9D46C

 B1D481

 BAD496

 C3D4AB

 CCD4C0

 D5D4D6

 DED4EB

# Harmonies

## Analogous

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



DDC000



8ED42C



00DF77

# Triad

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



8ED42C



00DAFF



FF70BB

# Complementary

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



8ED42C



722CD4

# 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.



FF84FF



8ED42C



00C7FF

# Square

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



8ED42C



00E3FF



CBA8FF



FF8170

# Rectangle

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



8ED42C



00E3AC



CBA8FF



FF73D5

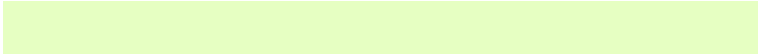


# Sweetspot

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



8ED42C



E6FFC2



D4722C



70805B



000000



808080



# Same Dimension

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



8ED42C



9AFF0D



3AD42C



676B60



64AB00



192B00



# Inverse Universe

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



722CD4



720DFF



C62CD4



65606B



4700AB

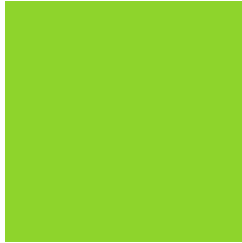


12002B



# Previews

## White Background



This preview shows how the Hex color 8ED42C looks on a white background.

## Color Contrast Check

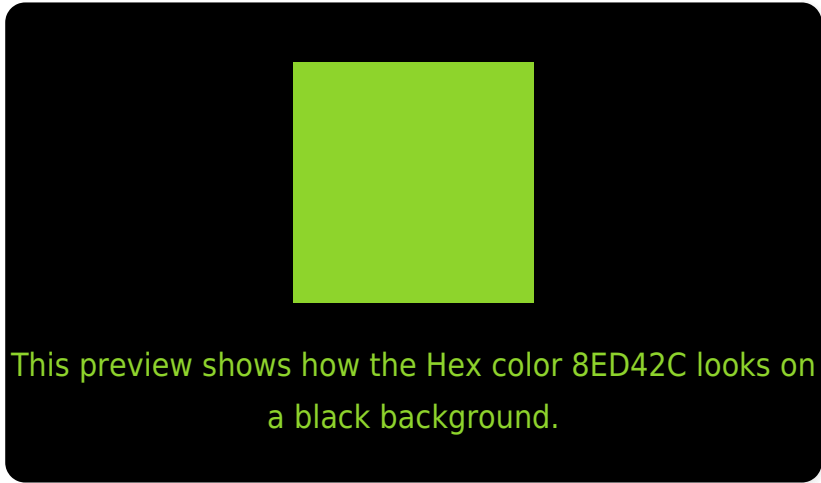
Large Text (above 18pt) WCAG AA × Fail

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 8ED42C Background



This preview shows how black text looks on a background with the Hex color 8ED42C.



This preview shows how white text looks on a background with the Hex color 8ED42C.

# 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**  
8ED42C

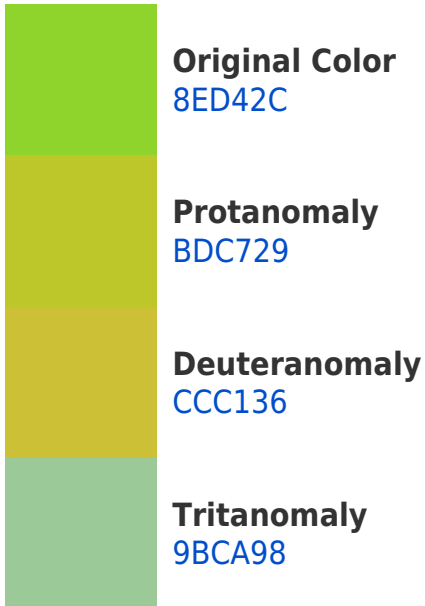
**Protanopia**  
D8C027

**Deuteranopia**  
F0B63B

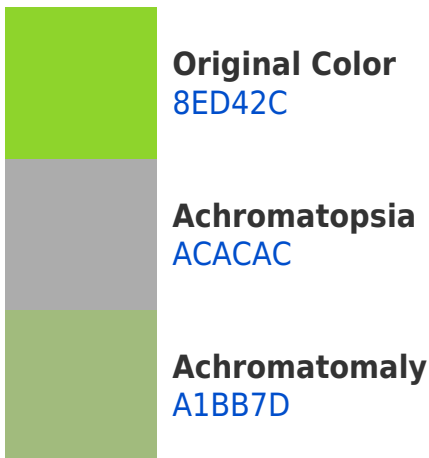


**Tritanopia**  
A3C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ED42C 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 #8ED42C looks like.

```
.text, #text, p{  
    color:#8ED42C  
}
```

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 #8ED42C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ED42C
}
```

## Border

The CSS property to change the border of an element to Hex 8ED42C 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
#8ED42C }
```

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

```
.border{ border-color:#8ED42C }
```

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

Here you see how a box with a 4 pixel #8ED42C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ED42C; -webkit-box-shadow:4px 4px  
4px 4px #8ED42C; box-shadow:4px 4px 4px  
4px #8ED42C }
```

# Background

The CSS property to change the background color of an element to Hex 8ED42C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ED42C }
```

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

```
.background{ background-color:#8ED42C }
```

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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