

# Converting Colors

Hex(8EDE5C)

Have a look what the booklet for  
Hex(8EDE5C) contains.

<b>Hex(8EDE5C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(8EDE5C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EDE5C
RGB	142, 222, 92
RGB Percent	56%, 87%, 36%
CMY	0.4431, 0.1294, 0.6392
CMYK	0.36, 0.00, 0.59, 0.13
HSL	97°, 66%, 62%
HSV	97°, 59%, 87%
XYZ	39.2084, 58.7660, 19.4017
YIQ	183.2600, -5.9500, -57.3900

# Conversions

## Conversions Part 2

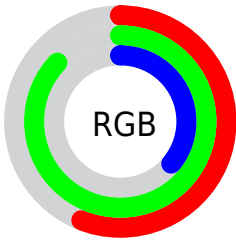
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 222, 172
Decimal	9363036
CIELab	81.16, -46.60, 54.98
CIELCh	81, 72.070, 130.285
Yxy	58.7660, 0.3340, 0.5007
Android (android.graphics.Color)	4287553116 (0xFF8EDE5C)
YUV	183.2600, -44.9912, -36.1850
Hunter-Lab	76.6590, -42.8568, 38.6555

# Details

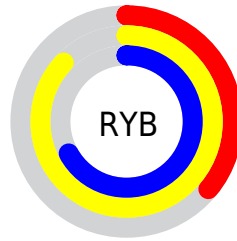
The Hex color **8EDE5C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **AC5CDE**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C7FF92**, and **55A625** is the 20% darker color. If you saturate the color by 10%, you get **80DE46**, and if you desaturate by 10%, it is **9CDE72**.

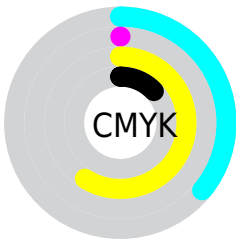
# Distribution



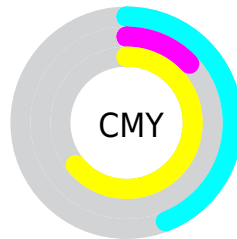
- Red (56%)
- Green (87%)
- Blue (36%)



- Red (36%)
- Yellow (87%)
- Blue (67%)



- Cyan (36%)
- Magenta (0%)
- Yellow (59%)
- Black (13%)



- Cyan (44%)
- Magenta (13%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EDE5C 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 8EDE5C by changing the saturation by 10% instead.



 8EDE5C

 8EDE5C

FFFFFF

 72C241

 C7FF92

 55A625

 E5FFAE

 388B00

 FFFFC4

 147100

 FFFFE7

 005800

 004000

 002B00

 000800

 000000

 8EDE5C

 8EDE5C

 80DE46

 9CDE72

 73DE30

 A9DE88

 65DE19

 B7DE9F

 57DE03

 C5DEB5

 55DE00

 D2DECB

 E0DEE1

 EEDEF7

 FBDEFF

 FFDEFF

# Harmonies

## Analogous

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



D8CE37



8EDE5C



00E79A

# Triad

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



8EDE5C



00DDFF



FF8BB5

# Complementary

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



8EDE5C



AC5CDE

# 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.



FF93F9



8EDE5C



6FC9FF

# Square

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



8EDE5C



00E7FF



EBAEFF



FF9B76

# Rectangle

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



8EDE5C



00EAC8



EBAEFF



FF8BCC

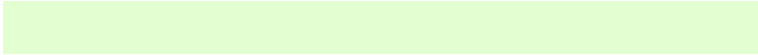


# Sweetspot

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



8EDE5C



E3FFD1



DEAA5C



6E8063



000000



808080



# Same Dimension

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



8EDE5C



91FF4D



5CDE69



697065



44B000



133000



# Inverse Universe

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



AC5CDE



BA4DFF



DE5CD1



6C6570



6C00B0



1E0030



# Previews

## White Background



This preview shows how the Hex color 8EDE5C looks on a white background.

## Color Contrast Check

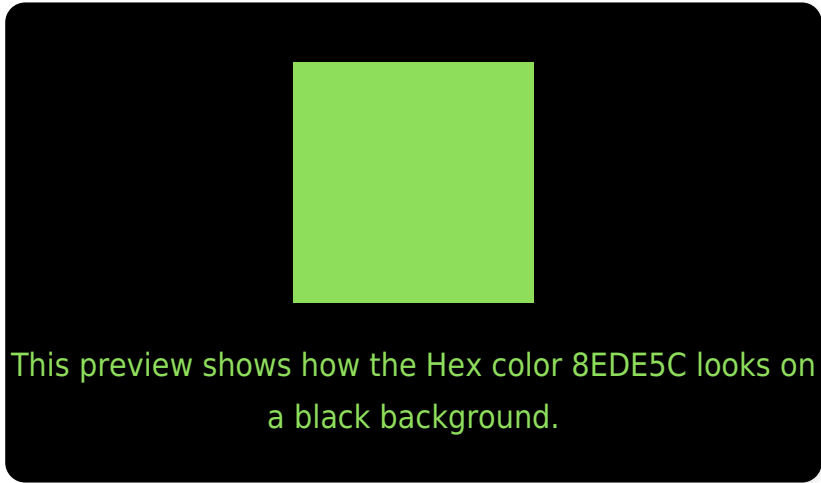
Large Text (above 18pt) WCAG AA × Fail

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 8EDE5C Background



This preview shows how black text looks on a background with the Hex color 8EDE5C.

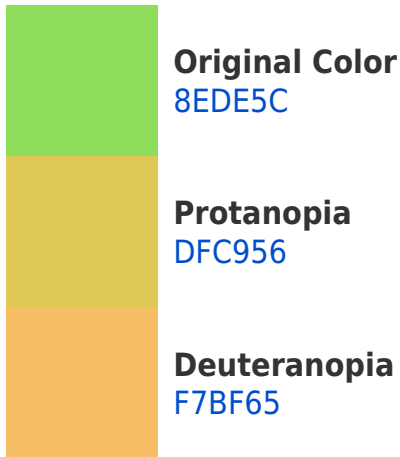


This preview shows how white text looks on a background with the Hex color 8EDE5C.

# 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





**Tritanopia**  
A3D0E1

# Trichromacy



**Original Color**  
8EDE5C



**Protanomaly**  
C2D158



**Deuteranomaly**  
D1CA62



**Tritanomaly**  
9BD5B1

# Monochromacy



**Original Color**  
8EDE5C



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
A8C596

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EDE5C 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 #8EDE5C looks like.

```
.text, #text, p{  
    color:#8EDE5C  
}
```

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 #8EDE5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EDE5C
}
```

## Border

The CSS property to change the border of an element to Hex 8EDE5C 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
#8EDE5C }
```

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

```
.border{ border-color:#8EDE5C }
```

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

Here you see how a box with a 4 pixel #8EDE5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EDE5C; -webkit-box-shadow:4px 4px  
4px 4px #8EDE5C; box-shadow:4px 4px 4px  
4px #8EDE5C }
```

# Background

The CSS property to change the background color of an element to Hex 8EDE5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EDE5C }
```

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

```
.background{ background-color:#8EDE5C }
```

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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