

Converting Colors

Hex(8ED173)

Have a look what the booklet for
Hex(8ED173) contains.

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Color

Hex(8ED173)

Conversions

Conversions Part 1

Format	Color
Hex	8ED173
RGB	142, 209, 115
RGB Percent	56%, 82%, 45%
CMY	0.4431, 0.1804, 0.5490
CMYK	0.32, 0.00, 0.45, 0.18
HSL	103°, 51%, 64%
HSV	103°, 45%, 82%
XYZ	37.0503, 52.5895, 24.4177
YIQ	178.2510, -9.7580, -43.4380

Conversions

Conversions Part 2

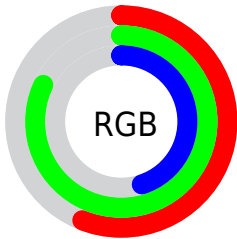
Format	Color
RYB	115, 209, 182
Decimal	9359731
CIELab	77.63, -38.34, 39.92
CIELCh	78, 55.352, 133.839
Yxy	52.5895, 0.3248, 0.4611
Android (android.graphics.Color)	4287549811 (0xFF8ED173)
YUV	178.2510, -31.1827, -31.7921
Hunter-Lab	72.5186, -35.7106, 30.7996

Details

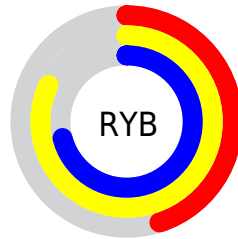
The Hex color **8ED173** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B673D1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C6FFA8**, and **589A40** is the 20% darker color. If you saturate the color by 10%, you get **7FD15E**, and if you desaturate by 10%, it is **9DD188**.

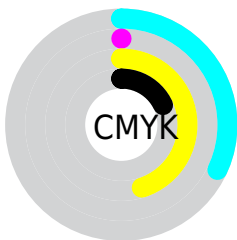
Distribution



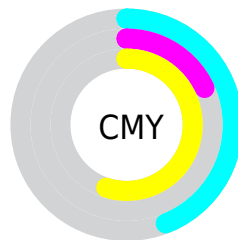
- Red (56%)
- Green (82%)
- Blue (45%)



- Red (45%)
- Yellow (82%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (45%)
- Black (18%)



- Cyan (44%)
- Magenta (18%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8ED173 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 8ED173 by changing the saturation by 10% instead.

 8ED173

 8ED173

FFFFFF

 73B559


 C6FFA8

 589A40

 E3FFC4

 3D8028

 FFFFEO

 21660C

FFFFFFD

 004E00

 003600

 002200

 000000

 8ED173

 8ED173

 7FD15E

 9DD188

 70D149

 ACD19D

 61D134

 BBD1B2

 52D11F

 CAD1C7

 44D10A

 D8D1DC

 3CD100

 E7D1F0

 F6D1FF

 FFD1FF

Harmonies

Analogous

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



C7C558



8ED173



39D8A2

Triad

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



8ED173



00CDFE



FF95AA

Complementary

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



8ED173



B673D1

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.



FF98DE



8ED173



95BDFF

Square

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



8ED173



00D7FF



E2A9FF



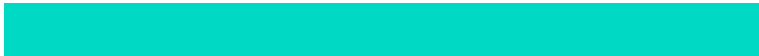
FFA17B

Rectangle

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



8ED173



00DAC5



E2A9FF



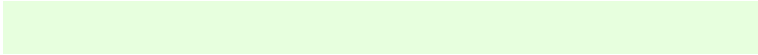
FF94BB

Sweetspot

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



8ED173



E7FFDE



D1B573



71806B



000000



808080

Same Dimension

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



8ED173



9DFF75



73D186



61695E



30A800



0C2900

Inverse Universe

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



B673D1



D775FF



D173BE



665E69



7800A8



1D0029

Previews

White Background



This preview shows how the Hex color 8ED173 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



This preview shows how the Hex color 8ED173 looks on a 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 8ED173 Background



This preview shows how black text looks on a background with the Hex color 8ED173.

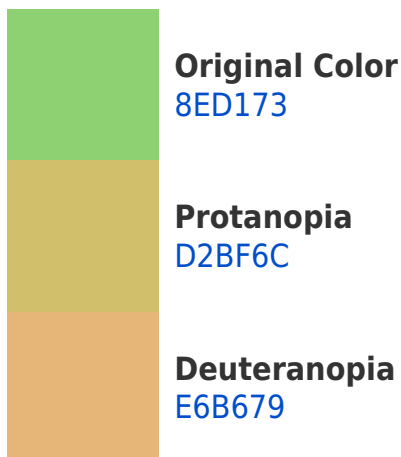


This preview shows how white text looks on a background with the Hex color 8ED173.

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](#).

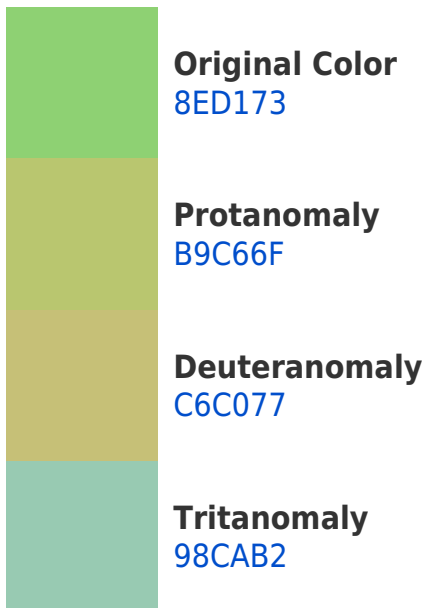
Dichromacy



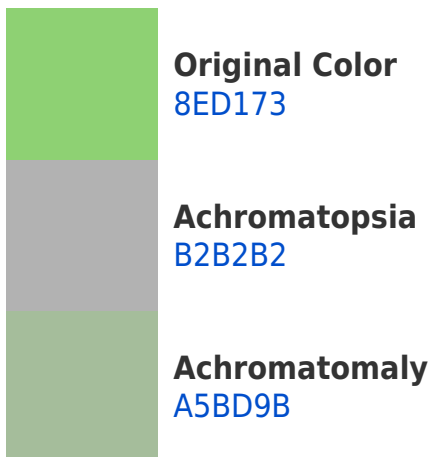


Tritanopia
9EC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8ED173 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 #8ED173 looks like.

```
.text, #text, p{  
    color:#8ED173  
}
```

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 #8ED173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ED173
}
```

Border

The CSS property to change the border of an element to Hex 8ED173 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
#8ED173 }
```

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

```
.border{ border-color:#8ED173 }
```

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

Here you see how a box with a 4 pixel #8ED173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ED173; -webkit-box-shadow:4px 4px  
4px 4px #8ED173; box-shadow:4px 4px 4px  
4px #8ED173 }
```

Background

The CSS property to change the background color of an element to Hex 8ED173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ED173 }
```

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

```
.background{ background-color:#8ED173 }
```

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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