

Converting Colors

Hex(8ED580)

Have a look what the booklet for
Hex(8ED580) contains.

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Color

Hex(8ED580)

Conversions

Conversions Part 1

Format	Color
Hex	8ED580
RGB	142, 213, 128
RGB Percent	56%, 84%, 50%
CMY	0.4431, 0.1647, 0.4980
CMYK	0.33, 0.00, 0.40, 0.16
HSL	110°, 50%, 67%
HSV	110°, 40%, 84%
XYZ	38.8459, 54.8978, 28.9710
YIQ	182.0810, -15.0310, -41.4870

Conversions

Conversions Part 2

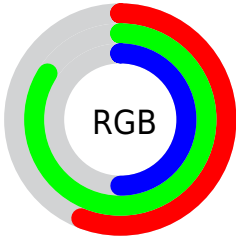
Format	Color
RYB	128, 213, 199
Decimal	9360768
CIELab	78.98, -38.35, 35.13
CIELCh	79, 52.006, 137.513
Yxy	54.8978, 0.3166, 0.4474
Android (android.graphics.Color)	4287550848 (0xFF8ED580)
YUV	182.0810, -26.6619, -35.1510
Hunter-Lab	74.0930, -36.0780, 28.6822

Details

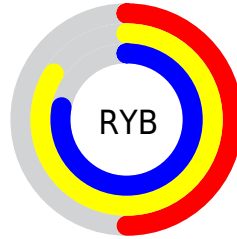
The Hex color **8ED580** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C780D5**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C6FFB6**, and **589E4D** is the 20% darker color. If you saturate the color by 10%, you get **7CD56B**, and if you desaturate by 10%, it is **A0D595**.

Distribution



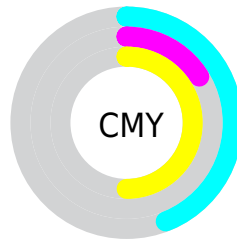
- Red (56%)
- Green (84%)
- Blue (50%)



- Red (50%)
- Yellow (84%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8ED580 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 8ED580 by changing the saturation by 10% instead.

 8ED580

 8ED580

FFFFFF

 73B966


 C6FFB6

 589E4D

 E3FFD2

 3D8335

 FFFFEE

 216A1D

 005102

 003900

 002500

 000000

 8ED580

 8ED580

 7CD56B

 A0D595

 6AD555

 B2D5AB

 59D540

 C3D5C0

 47D52B

 D5D5D5

 35D515

 E7D5EB

 23D500

 F9D5FF

 FFD5FF

Harmonies

Analogous

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



C5CA64



8ED580



40DBAD

Triad

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



8ED580



39CEFF



FF9DA9

Complementary

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



8ED580



C780D5

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.



FF9EDA



8ED580



A8BFFF

Square

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



8ED580



00D8FF



EBACFF



FFA87E

Rectangle

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



8ED580



00DDCF



EBACFF



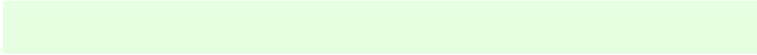
FF9BB9

Sweetspot

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



8ED580



E5FFE0



D5C780



71806E



000000



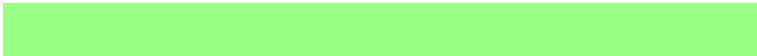
808080

Same Dimension

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



8ED580



99FF85



80D59C



626B60



1CAB00



072B00

Inverse Universe

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



C780D5



EB85FF



D580B9



69606B



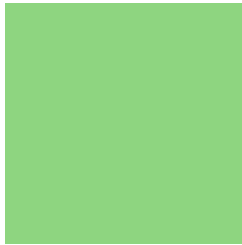
8F00AB



24002B

Previews

White Background



This preview shows how the Hex color 8ED580 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 8ED580 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 8ED580 Background



This preview shows how black text looks on a background with the Hex color 8ED580.

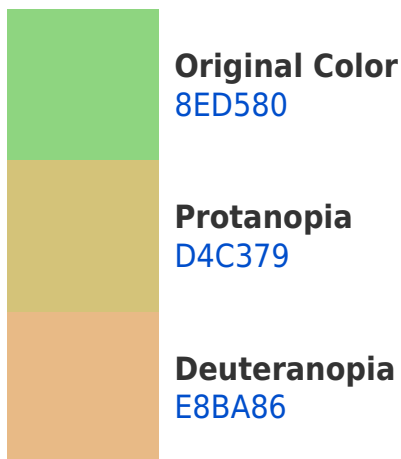


This preview shows how white text looks on a background with the Hex color 8ED580.

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



Trichromacy



Original Color
8ED580



Protanomaly
BBCA7C



Deuteranomaly
C7C484



Tritanomaly
98CEB9

Monochromacy



Original Color
8ED580



Achromatopsia
B6B6B6



Achromatomaly
A7C1A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 8ED580 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 #8ED580 looks like.

```
.text, #text, p{  
    color:#8ED580  
}
```

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 #8ED580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ED580
}
```

Border

The CSS property to change the border of an element to Hex 8ED580 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
#8ED580 }
```

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

```
.border{ border-color:#8ED580 }
```

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

Here you see how a box with a 4 pixel #8ED580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ED580; -webkit-box-shadow:4px 4px  
4px 4px #8ED580; box-shadow:4px 4px 4px  
4px #8ED580 }
```

Background

The CSS property to change the background color of an element to Hex 8ED580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ED580 }
```

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

```
.background{ background-color:#8ED580 }
```

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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