

Converting Colors

Hex(82EDA2)

Have a look what the booklet for
Hex(82EDA2) contains.

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Color

Hex(82EDA2)

Conversions

Conversions Part 1

Format	Color
Hex	82EDA2
RGB	130, 237, 162
RGB Percent	51%, 93%, 64%
CMY	0.4902, 0.0706, 0.3647
CMYK	0.45, 0.00, 0.32, 0.07
HSL	138°, 75%, 72%
HSV	138°, 45%, 93%
XYZ	46.0117, 67.9228, 44.8678
YIQ	196.4570, -39.6970, -46.0090

Conversions

Conversions Part 2

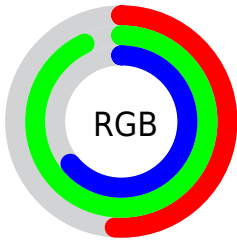
Format	Color
RYB	130, 212, 237
Decimal	8580514
CIELab	85.97, -46.92, 26.98
CIElCh	86, 54.123, 150.102
Yxy	67.9228, 0.2897, 0.4277
Android (android.graphics.Color)	4286770594 (0xFF82EDA2)
YUV	196.4570, -16.9873, -58.2828
Hunter-Lab	82.4153, -44.5719, 25.4126

Details

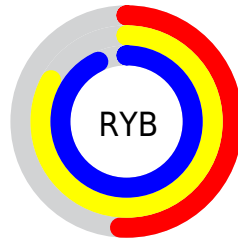
The Hex color **82EDA2** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **ED82CD**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BBFFD9**, and **48B46E** is the 20% darker color. If you saturate the color by 10%, you get **6AED91**, and if you desaturate by 10%, it is **9AEDB3**.

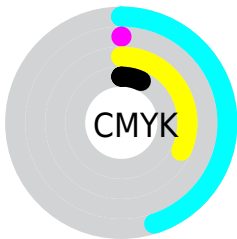
Distribution



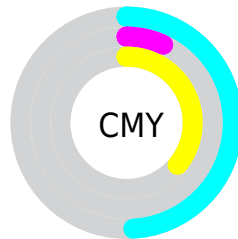
- Red (51%)
- Green (93%)
- Blue (64%)



- Red (51%)
- Yellow (83%)
- Blue (93%)



- Cyan (45%)
- Magenta (0%)
- Yellow (32%)
- Black (7%)



- Cyan (49%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82EDA2 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 82EDA2 by changing the saturation by 10% instead.

 82EDA2

 82EDA2

FFFFFF

 65D087

 BBFFD9

 48B46E

 D9FFF6

 279955

 F6FFFF

 007E3D

 006526

 004C0F

 003400

 001D00

 000000

 82EDA2

 82EDA2

 6AED91

 9AEDB3

 53ED81

 B1EDC3

 3BED70

 C9EDD4

 23ED60

 E1EDE4

 0CED4F

 F8EDF5

 00ED47

 FFEDFF

Harmonies

Analogous

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



C2E37C



82EDA2



00F1D5

Triad

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



82EDA2



82DCFF



FFB2A6

Complementary

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



82EDA2



ED82CD

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.



FFADD9



82EDA2



DBC AFF

Square

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



82EDA2



00EAFF



FFB7FF



FFC27F

Rectangle

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



82EDA2



00F1F9



FFB7FF



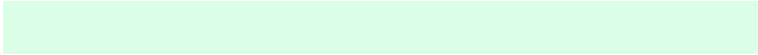
FFAFB6

Sweetspot

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



82EDA2



DBFFE6



CFED82



6A8070



000000



808080

Same Dimension

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



82EDA2



75FF9E



82EDD6



6A756D



00B536



003610

Inverse Universe

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



ED82CD



FF75D6



ED8299



756A72



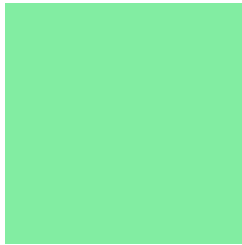
B5007F



360026

Previews

White Background



This preview shows how the Hex color 82EDA2 looks on a white background.

Color Contrast Check

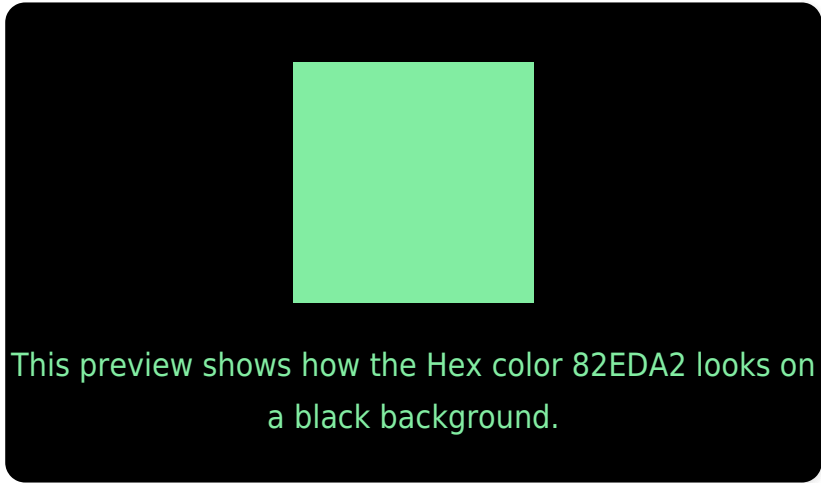
Large Text (above 18pt) WCAG AA × Fail

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

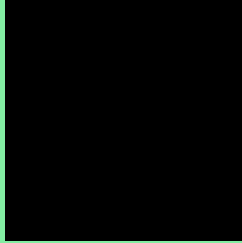
Any Text WCAG AA ✓ Pass

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 82EDA2 Background



This preview shows how black text looks on a background with the Hex color 82EDA2.

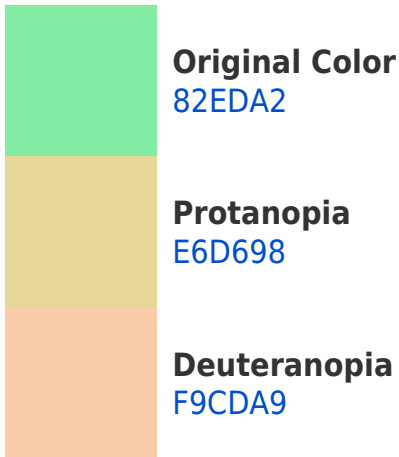


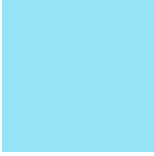
This preview shows how white text looks on a background with the Hex color 82EDA2.

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
95E3F5

Trichromacy



Original Color
82EDA2



Protanomaly
C2DE9C



Deuteranomaly
CED9A6



Tritanomaly
8EE7D7

Monochromacy



Original Color
82EDA2



Achromatopsia
C4C4C4



Achromatomaly
ACD3B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 82EDA2 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 #82EDA2 looks like.

```
.text, #text, p{  
    color:#82EDA2  
}
```

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 #82EDA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82EDA2
}
```

Border

The CSS property to change the border of an element to Hex 82EDA2 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
#82EDA2 }
```

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

```
.border{ border-color:#82EDA2 }
```

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

Here you see how a box with a 4 pixel #82EDA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82EDA2; -webkit-box-shadow:4px 4px  
4px 4px #82EDA2; box-shadow:4px 4px 4px  
4px #82EDA2 }
```

Background

The CSS property to change the background color of an element to Hex 82EDA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82EDA2 }
```

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

```
.background{ background-color:#82EDA2 }
```

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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