

Converting Colors

Hex(92E3A6)

Have a look what the booklet for
Hex(92E3A6) contains.

Hex(92E3A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(92E3A6)

Conversions

Conversions Part 1

Format	Color
Hex	92E3A6
RGB	146, 227, 166
RGB Percent	57%, 89%, 65%
CMY	0.4275, 0.1098, 0.3490
CMYK	0.36, 0.00, 0.27, 0.11
HSL	135°, 59%, 73%
HSV	135°, 36%, 89%
XYZ	46.2061, 63.8023, 45.9562
YIQ	195.8270, -28.6950, -36.1430

Conversions

Conversions Part 2

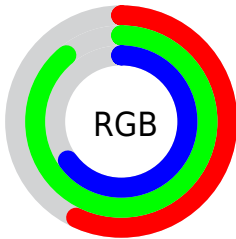
Format	Color
RYB	146, 211, 227
Decimal	9626534
CIELab	83.86, -37.29, 22.15
CIELCh	84, 43.378, 149.288
Yxy	63.8023, 0.2963, 0.4091
Android (android.graphics.Color)	4287816614 (0xFF92E3A6)
YUV	195.8270, -14.7047, -43.6983
Hunter-Lab	79.8764, -36.5267, 21.8015

Details

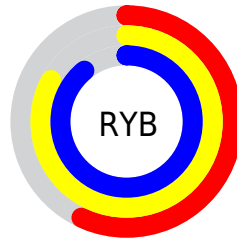
The Hex color **92E3A6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E392CF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **CAFFDD**, and **5CAB72** is the 20% darker color. If you saturate the color by 10%, you get **7BE395**, and if you desaturate by 10%, it is **A9E3B7**.

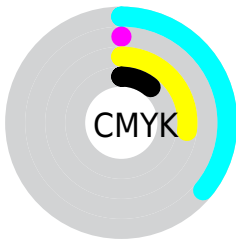
Distribution



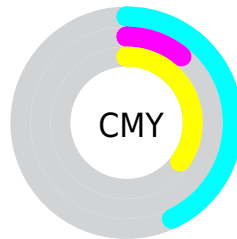
- Red (57%)
- Green (89%)
- Blue (65%)



- Red (57%)
- Yellow (83%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 92E3A6 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 92E3A6 by changing the saturation by 10% instead.

 92E3A6

 92E3A6

FFFFFF

 77C78B

 CAFFDD

 5CAB72

 E7FFFA

 419059

 247641

 005D2A

 004515

 002D00

 001600

 000000

 92E3A6

 92E3A6

 7BE395

 A9E3B7

 65E384

 BFE3C8

 4EE373

 D6E3D9

 37E362

 EDE3EA

 21E351

 FFE3FB

 0AE33F

 FFE3FF

 00E338

Harmonies

Analogous

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



C3DB88



92E3A6



5BE7CF

Triad

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



92E3A6



94D5FF



FFB5AB

Complementary

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



92E3A6



E392CF

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.



FFB1D4



92E3A6



D4C7FF

Square

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



92E3A6



4CE0FF



FFB9FB



FFC08C

Rectangle

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



92E3A6



35E7EB



FFB9FB



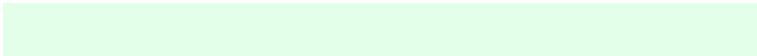
FFB2B8

Sweetspot

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



92E3A6



E3FFEA



D0E392



6F8073



000000



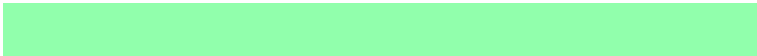
808080

Same Dimension

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



92E3A6



91FFAC



92E3CD



67736A



00B32C



00330D

Inverse Universe

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



E392CF



FF91E4



E392A8



736770



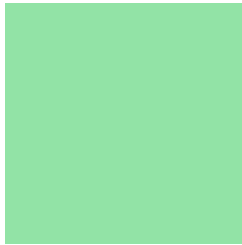
B30086



330026

Previews

White Background



This preview shows how the Hex color 92E3A6 looks on a white background.

Color Contrast Check

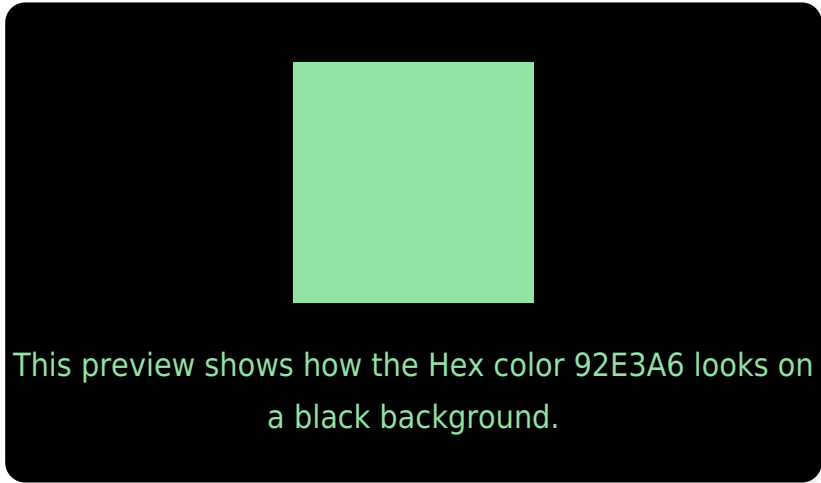
Large Text (above 18pt) WCAG AA × Fail

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

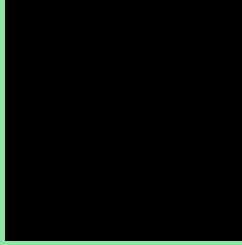
Any Text WCAG AA ✓ Pass

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 92E3A6 Background



This preview shows how black text looks on a background with the Hex color 92E3A6.

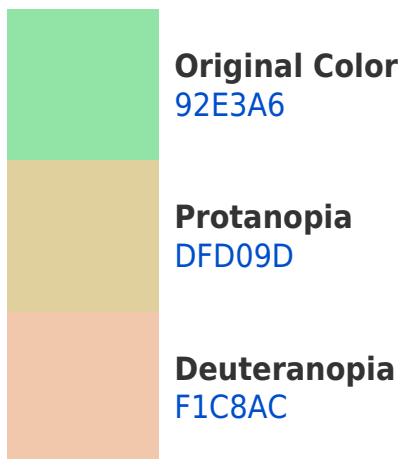


This preview shows how white text looks on a background with the Hex color 92E3A6.

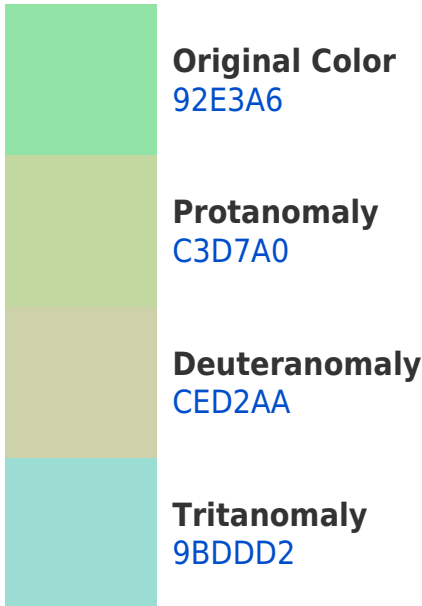
Color Blindness Simulation

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](#).

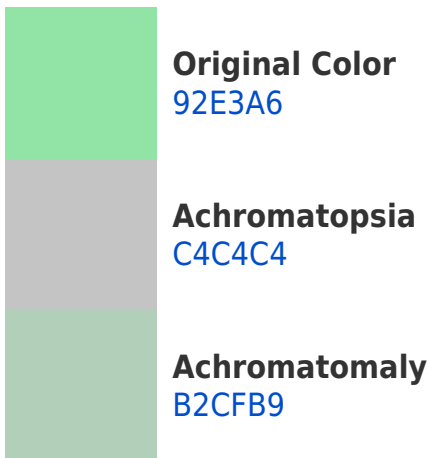
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 92E3A6 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 #92E3A6 looks like.

```
.text, #text, p{  
    color:#92E3A6  
}
```

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 #92E3A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92E3A6
}
```

Border

The CSS property to change the border of an element to Hex 92E3A6 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
#92E3A6 }
```

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

```
.border{ border-color:#92E3A6 }
```

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

Here you see how a box with a 4 pixel #92E3A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92E3A6; -webkit-box-shadow:4px 4px  
4px 4px #92E3A6; box-shadow:4px 4px 4px  
4px #92E3A6 }
```

Background

The CSS property to change the background color of an element to Hex 92E3A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92E3A6 }
```

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

```
.background{ background-color:#92E3A6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor