

Converting Colors

Hex(92E3D7)

Have a look what the booklet for
Hex(92E3D7) contains.

Hex(92E3D7)	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(92E3D7)

Conversions

Conversions Part 1

Format	Color
Hex	92E3D7
RGB	146, 227, 215
RGB Percent	57%, 89%, 84%
CMY	0.4275, 0.1098, 0.1569
CMYK	0.36, 0.00, 0.05, 0.11
HSL	171°, 59%, 73%
HSV	171°, 36%, 89%
XYZ	51.5889, 65.9555, 74.3016
YIQ	201.4130, -44.4240, -20.9040

Conversions

Conversions Part 2

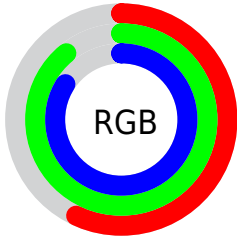
Format	Color
RYB	146, 190, 227
Decimal	9626583
CIELab	84.97, -27.37, -1.99
CIELCh	85, 27.445, 184.152
Yxy	65.9555, 0.2689, 0.3438
Android (android.graphics.Color)	4287816663 (0xFF92E3D7)
YUV	201.4130, 6.6984, -48.5972
Hunter-Lab	81.2130, -28.7342, 2.6047

Details

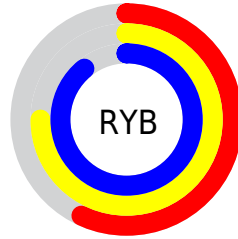
The Hex color **92E3D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E3929E**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CBFFFF**, and **5BABA0** is the 20% darker color. If you saturate the color by 10%, you get **7BE3D4**, and if you desaturate by 10%, it is **A9E3DA**.

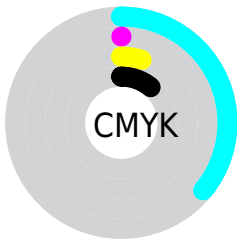
Distribution



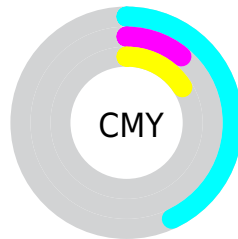
- Red (57%)
- Green (89%)
- Blue (84%)



- Red (57%)
- Yellow (75%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 92E3D7 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 92E3D7 by changing the saturation by 10% instead.

 92E3D7

 92E3D7

FFFFFF

 76C7BB

 CBFFFF

 5BABA0

 E8FFFF

 3F9186

 21776D

 005E55

 00453E

 002E28

 001A13

 000000

 92E3D7

 92E3D7

 7BE3D4

 A9E3DA

 65E3D0

 BFE3DE

 4EE3CD

 D6E3E1

 37E3CA

 EDE3E4

 21E3C6

 FFE3E8

 0AE3C3

 FFE3EB

 00E3C1

 FFE3EF

 FFE3F2

 FFE3F5

Harmonies

Analogous

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



AAE1BD



92E3D7



8AE2F0

Triad

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



92E3D7



DDCCFF



FBCBA6

Complementary

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



92E3D7



E3929E

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.



FFC4B8



92E3D7



F9C5EB

Square

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



92E3D7



BAD5FF



FFC2D1



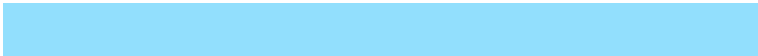
E4D4A1

Rectangle

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



92E3D7



92DFFD



FFC2D1



FFC8AB

Sweetspot

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



92E3D7



E3FFFB



9EE392



6F807D



000000



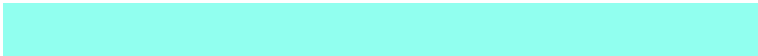
808080

Same Dimension

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



92E3D7



91FFEF



92C7E3



677371



00B398



00332B

Inverse Universe

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



E3929E



FF91A2



E3AE92



736769



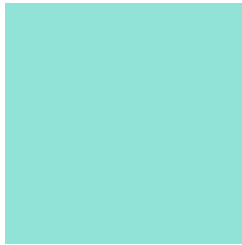
B3001A



330008

Previews

White Background



This preview shows how the Hex color 92E3D7 looks on a white background.

Color Contrast Check

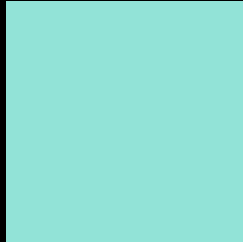
Large Text (above 18pt) WCAG AA × Fail

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 92E3D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

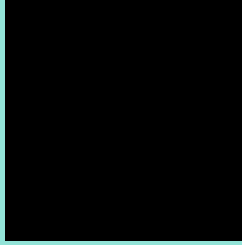
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

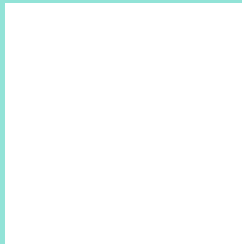
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 92E3D7 Background



This preview shows how black text looks on a background with the Hex color 92E3D7.

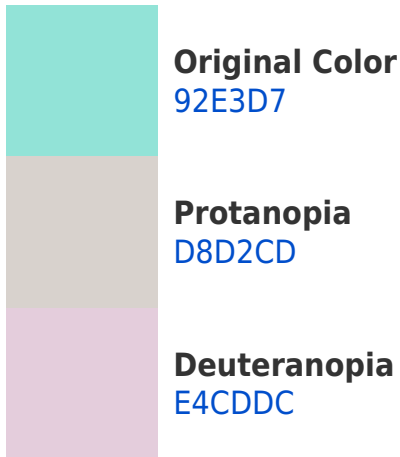


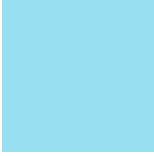
This preview shows how white text looks on a background with the Hex color 92E3D7.

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
98DFF1

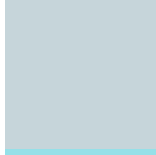
Trichromacy



Original Color
92E3D7



Protanomaly
BFD8D1



Deuteranomaly
C6D5DA

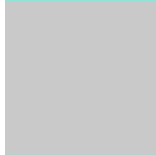


Tritanomaly
96E0E8

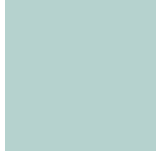
Monochromacy



Original Color
92E3D7



Achromatopsia
C9C9C9



Achromatomaly
B5D2CE

CSS Examples

Text

The CSS property to change the color of the text to Hex 92E3D7 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 #92E3D7 looks like.

```
.text, #text, p{  
    color:#92E3D7  
}
```

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 #92E3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92E3D7
}
```

Border

The CSS property to change the border of an element to Hex 92E3D7 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
#92E3D7 }
```

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

```
.border{ border-color:#92E3D7 }
```

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

Here you see how a box with a 4 pixel #92E3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92E3D7; -webkit-box-shadow:4px 4px  
4px 4px #92E3D7; box-shadow:4px 4px 4px  
4px #92E3D7 }
```

Background

The CSS property to change the background color of an element to Hex 92E3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92E3D7 }
```

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

```
.background{ background-color:#92E3D7 }
```

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