

Converting Colors

Hex(94E3D7)

Have a look what the booklet for
Hex(94E3D7) contains.

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Color

Hex(94E3D7)

Conversions

Conversions Part 1

Format	Color
Hex	94E3D7
RGB	148, 227, 215
RGB Percent	58%, 89%, 84%
CMY	0.4196, 0.1098, 0.1569
CMYK	0.35, 0.00, 0.05, 0.11
HSL	171°, 59%, 74%
HSV	171°, 35%, 89%
XYZ	51.9476, 66.1404, 74.3184
YIQ	202.0110, -43.2320, -20.4800

Conversions

Conversions Part 2

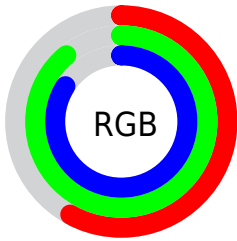
Format	Color
RYB	148, 191, 227
Decimal	9757655
CIELab	85.07, -26.84, -1.84
CIELCh	85, 26.899, 183.918
Yxy	66.1404, 0.2700, 0.3438
Android (android.graphics.Color)	4287947735 (0xFF94E3D7)
YUV	202.0110, 6.4036, -47.3676
Hunter-Lab	81.3267, -28.3046, 2.7480

Details

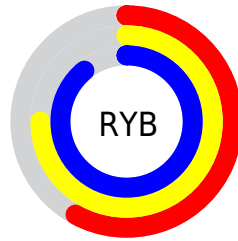
The Hex color **94E3D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E394A0**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CDFFFF**, and **5DABA0** is the 20% darker color. If you saturate the color by 10%, you get **7DE3D4**, and if you desaturate by 10%, it is **ABE3DA**.

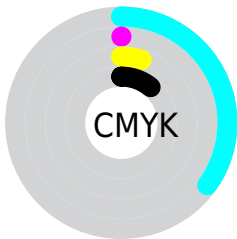
Distribution



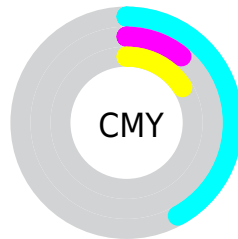
- Red (58%)
- Green (89%)
- Blue (84%)



- Red (58%)
- Yellow (75%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94E3D7 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 94E3D7 by changing the saturation by 10% instead.

■ 94E3D7

FFFFFF

■ CDFFFF

■ EAFFFF

■ 94E3D7

■ 78C7BB

■ 5DABA0

■ 429186

■ 24776D

■ 005E55

■ 00463E

■ 002F28

■ 001B13

■ 000000

■ 94E3D7

■ 94E3D7

■ 7DE3D4

■ ABE3DA

■ 67E3D0

■ C1E3DE

■ 50E3CD

■ D8E3E1

■ 39E3C9

■ EFE3E5

■ 23E3C6

■ FFE3E8

■ 0CE3C2

■ FFE3EC

■ 00E3C1

■ FFE3EF

■ FFE3F3

■ FFE3F6

Harmonies

Analogous

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



ABE1BD



94E3D7



8CE2F0

Triad

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



94E3D7



DDCDFF



FBCBA8

Complementary

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



94E3D7



E394A0

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.



FFC5B9



94E3D7



F8C5EB

Square

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



94E3D7



BBD6FF



FFC2D2



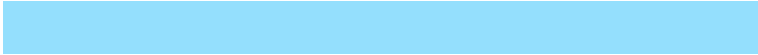
E4D4A2

Rectangle

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



94E3D7



94DFFD



FFC2D2



FFC9AC

Sweetspot

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



94E3D7



E6FFFB



A1E394



70807D



000000



808080

Same Dimension

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



94E3D7



94FFEF



94C9E3



677371



00B397



00332B

Inverse Universe

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



E394A0



FF94A4



E3AE94



736769



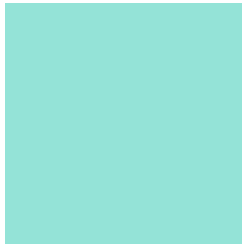
B3001B



330008

Previews

White Background



This preview shows how the Hex color 94E3D7 looks on a white background.

Color Contrast Check

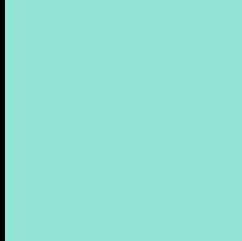
Large Text (above 18pt) WCAG AA × Fail

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 94E3D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

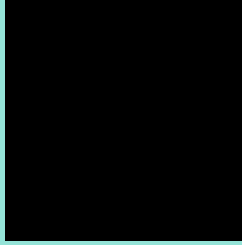
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

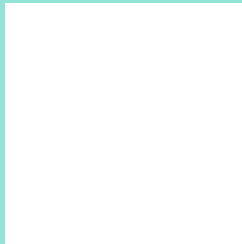
Any Text WCAG AAA ✓ Pass

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

Hex 94E3D7 Background



This preview shows how black text looks on a background with the Hex color 94E3D7.

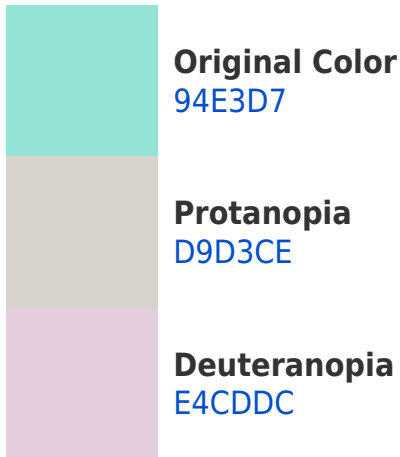


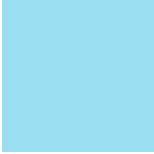
This preview shows how white text looks on a background with the Hex color 94E3D7.

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](#).

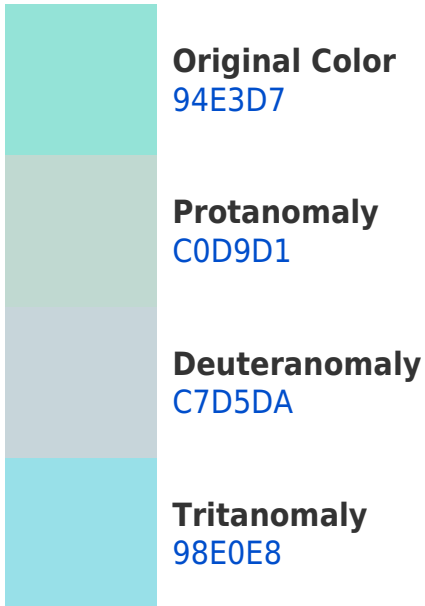
Dichromacy



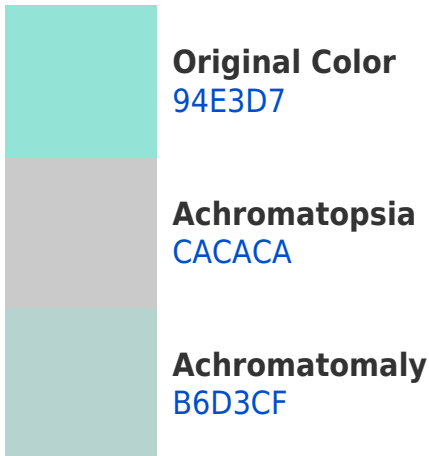


Tritanopia
9ADFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94E3D7 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 #94E3D7 looks like.

```
.text, #text, p{  
    color:#94E3D7  
}
```

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 #94E3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E3D7
}
```

Border

The CSS property to change the border of an element to Hex 94E3D7 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
#94E3D7 }
```

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

```
.border{ border-color:#94E3D7 }
```

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

Here you see how a box with a 4 pixel #94E3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E3D7; -webkit-box-shadow:4px 4px  
4px 4px #94E3D7; box-shadow:4px 4px 4px  
4px #94E3D7 }
```

Background

The CSS property to change the background color of an element to Hex 94E3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E3D7 }
```

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

```
.background{ background-color:#94E3D7 }
```

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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