

Converting Colors

Hex(9ED5E0)

Have a look what the booklet for
Hex(9ED5E0) contains.

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Color

Hex(9ED5E0)

Conversions

Conversions Part 1

Format	Color
Hex	9ED5E0
RGB	158, 213, 224
RGB Percent	62%, 84%, 88%
CMY	0.3804, 0.1647, 0.1216
CMYK	0.29, 0.05, 0.00, 0.12
HSL	190°, 52%, 75%
HSV	190°, 29%, 88%
XYZ	51.3493, 60.2394, 79.4420
YIQ	197.8090, -36.3110, -8.2390

Conversions

Conversions Part 2

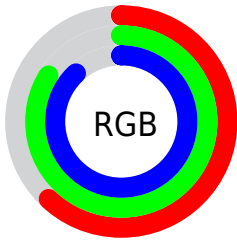
Format	Color
R _Y B	158, 188, 224
Decimal	10409440
CIE Lab	81.97, -15.05, -11.14
CIE LCh	82, 18.724, 216.507
Yxy	60.2394, 0.2688, 0.3153
Android (android.graphics.Color)	4288599520 (0xFF9ED5E0)
YUV	197.8090, 12.9122, -34.9125
Hunter-Lab	77.6141, -17.7293, -6.3565

Details

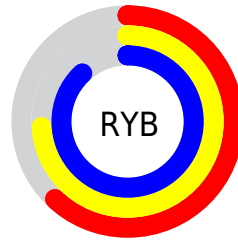
The Hex color **9ED5E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0A99E**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D6FFFF**, and **689EA9** is the 20% darker color. If you saturate the color by 10%, you get **88D1E0**, and if you desaturate by 10%, it is **B4D9E0**.

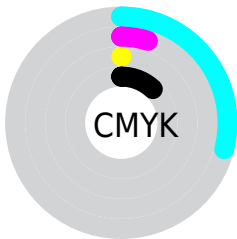
Distribution



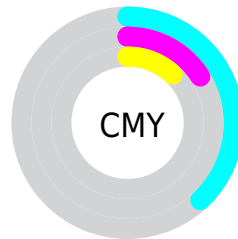
- Red (62%)
- Green (84%)
- Blue (88%)



- Red (62%)
- Yellow (74%)
- Blue (88%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (38%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9ED5E0 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 9ED5E0 by changing the saturation by 10% instead.

 9ED5E0

 9ED5E0

FFFFFF

 83B9C4

 D6FFFF

 689EA9

 F3FFFF

 4E848E

 346B75

 17525C

 003B45

 00252E

 000E1A

 000000

9ED5E0

9ED5E0

88D1E0

B4D9E0

71CEE0

CBDCE0

5BCAE0

E1E0E0

44C6E0

F8E4E0

2EC2E0

FFE8E0

18BFE0

FFEBE0

01BBE0

FFEFE0

00BBE0

FFF3E0

FFF7E0

Harmonies

Analogous

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



A1D6CF



9ED5E0



A9D1EB

Triad

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



9ED5E0



E6C1DA



D6CCA9

Complementary

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



9ED5E0



E0A99E

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.



E6C6AC



9ED5E0



F0C0C9

Square

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



9ED5E0



D4C6E8



F0C1B8



C2D1AF

Rectangle

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



9ED5E0



B6CEEE



F0C1B8



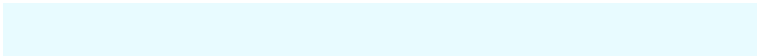
DCCAA9

Sweetspot

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



9ED5E0



E8FBFF



9EE0A9



717D80



000000



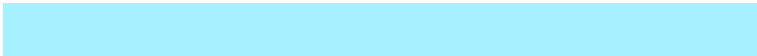
808080

Same Dimension

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



9ED5E0



A6F0FF



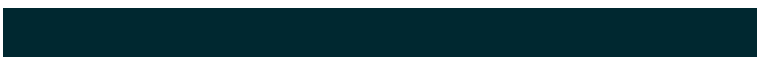
9EB4E0



656E70



0093B0



002830

Inverse Universe

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



E09ED5



FFA6F0



E0CA9E



70656E



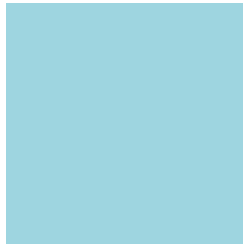
B00093



300028

Previews

White Background



This preview shows how the Hex color 9ED5E0 looks on a white background.

Color Contrast Check

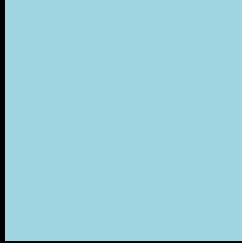
Large Text (above 18pt) WCAG AA × Fail

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 9ED5E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

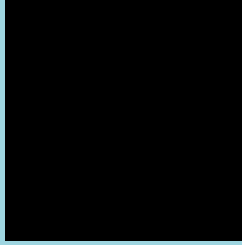
Any Text WCAG AA ✓ Pass

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 9ED5E0 Background



This preview shows how black text looks on a background with the Hex color 9ED5E0.

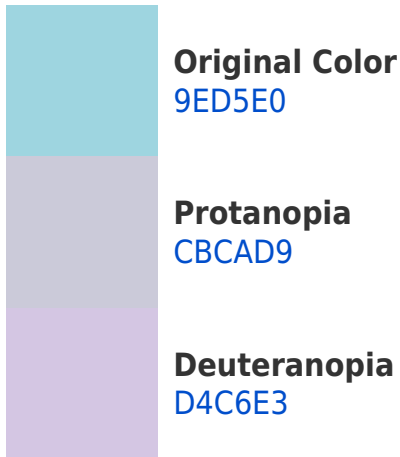


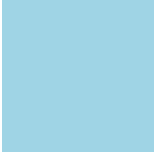
This preview shows how white text looks on a background with the Hex color 9ED5E0.

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



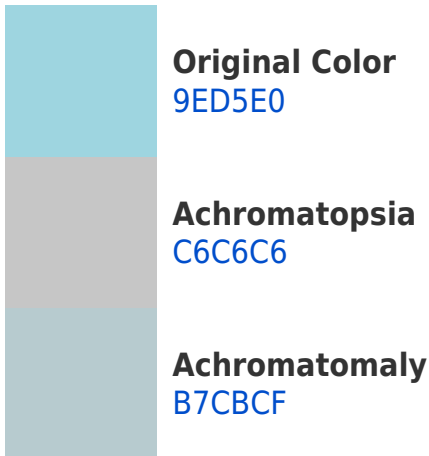


Tritanopia
9FD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9ED5E0 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 #9ED5E0 looks like.

```
.text, #text, p{  
    color:#9ED5E0  
}
```

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 #9ED5E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED5E0
}
```

Border

The CSS property to change the border of an element to Hex 9ED5E0 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
#9ED5E0 }
```

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

```
.border{ border-color:#9ED5E0 }
```

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

Here you see how a box with a 4 pixel #9ED5E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED5E0; -webkit-box-shadow:4px 4px  
4px 4px #9ED5E0; box-shadow:4px 4px 4px  
4px #9ED5E0 }
```

Background

The CSS property to change the background color of an element to Hex 9ED5E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED5E0 }
```

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

```
.background{ background-color:#9ED5E0 }
```

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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