

# Converting Colors

Hex(9ED0D0)

Have a look what the booklet for  
Hex(9ED0D0) contains.

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# **Color**

**Hex(9ED0D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ED0D0
RGB	158, 208, 208
RGB Percent	62%, 82%, 82%
CMY	0.3804, 0.1843, 0.1843
CMYK	0.24, 0.00, 0.00, 0.18
HSL	180°, 35%, 72%
HSV	180°, 24%, 82%
XYZ	48.0416, 56.9349, 68.1320
YIQ	193.0500, -29.8000, -10.6000

# Conversions

## Conversions Part 2

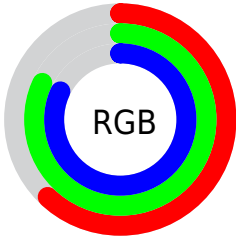
Format	Color
<a href="#">RYB</a>	<a href="#">158, 183, 208</a>
Decimal	<a href="#">10408144</a>
CIELab	<a href="#">80.14, -16.12, -5.30</a>
CIELCh	<a href="#">80, 16.971, 198.201</a>
Yxy	<a href="#">56.9349, 0.2775, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4288598224</a> ( <a href="#">0xFF9ED0D0</a> )
YUV	<a href="#">193.0500, 7.3704, -30.7388</a>
Hunter-Lab	<a href="#">75.4552, -18.3975, -0.7170</a>

# Details

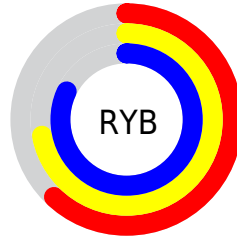
The Hex color **9ED0D0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D09E9E**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D6FFFF**, and **699A9A** is the 20% darker color. If you saturate the color by 10%, you get **89D0D0**, and if you desaturate by 10%, it is **B3D0D0**.

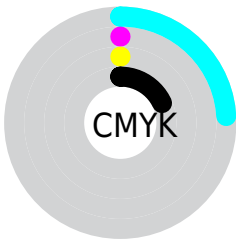
# Distribution



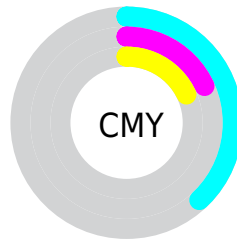
- Red (62%)
- Green (82%)
- Blue (82%)



- Red (62%)
- Yellow (72%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (38%)
- Magenta (18%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ED0D0 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 9ED0D0 by changing the saturation by 10% instead.



 9ED0D0

 9ED0D0

FFFFFF

 83B4B4

 D6FFFF

 699A9A

 F2FFFF

 4F7F80

 366667

 1D4E4F

 003738

 002223

 00020D

 000000

 9ED0D0

 9ED0D0

 89D0D0

 B3D0D0

 74D0D0

 C8D0D0

 60D0D0

 DCD0D0

 4BD0D0

 F1D0D0

 36D0D0

 FFD0D0

 21D0D0

 0CD0D0

 00D0D0

# Harmonies

## Analogous

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



A7D0C0



9ED0D0



A0CEDE

# Triad

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



9ED0D0



D5C0DC



DAC4A8

# Complementary

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



9ED0D0



D09E9E

# 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.



E5BFB0



9ED0D0



E3BCCE

# Square

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



9ED0D0



C2C5E5



E8BCBE



C9C9A9

# Rectangle

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



9ED0D0



A8CCE4



E8BCBE



DEC2AA

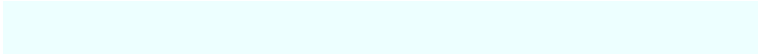


# Sweetspot

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



9ED0D0



EDFFFF



9ED09E



758080



000000



808080



# Same Dimension

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



9ED0D0



B5FFFF



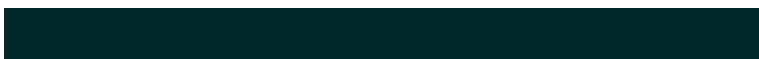
9EB7D0



5E6969



00A8A8



002929



# Inverse Universe

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



D09ED0



FFB5FF



D0B79E



695E69



A800A8

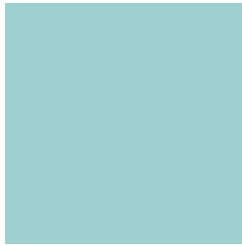


290029



# Previews

## White Background



This preview shows how the Hex color 9ED0D0 looks on a white background.

## Color Contrast Check

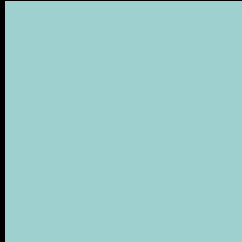
Large Text (above 18pt) WCAG AA × Fail

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 9ED0D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

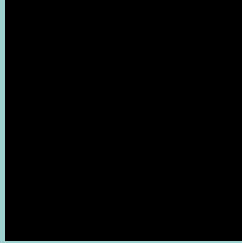
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

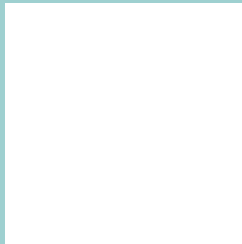
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9ED0D0 Background



This preview shows how black text looks on a background with the Hex color 9ED0D0.



This preview shows how white text looks on a background with the Hex color 9ED0D0.

# 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

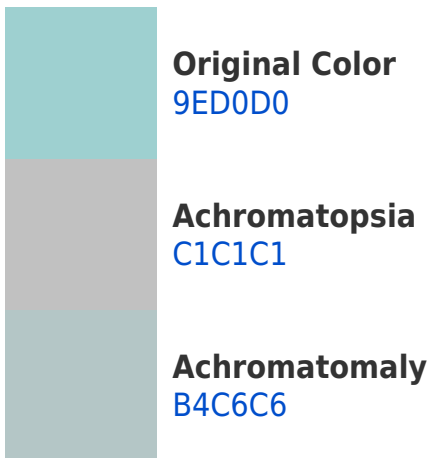




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ED0D0 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 #9ED0D0 looks like.

```
.text, #text, p{  
    color:#9ED0D0  
}
```

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 #9ED0D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED0D0  
}
```

## Border

The CSS property to change the border of an element to Hex 9ED0D0 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  
#9ED0D0 }
```

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

```
.border{ border-color:#9ED0D0 }
```

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

Here you see how a box with a 4 pixel #9ED0D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED0D0; -webkit-box-shadow:4px 4px  
4px 4px #9ED0D0; box-shadow:4px 4px 4px  
4px #9ED0D0 }
```

# Background

The CSS property to change the background color of an element to Hex 9ED0D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED0D0 }
```

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

```
.background{ background-color:#9ED0D0 }
```

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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