

# Converting Colors

Hex(9DDBE0)

Have a look what the booklet for  
Hex(9DDBE0) contains.

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# **Color**

**Hex(9DDBE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DDBE0
RGB	157, 219, 224
RGB Percent	62%, 86%, 88%
CMY	0.3843, 0.1412, 0.1216
CMYK	0.30, 0.02, 0.00, 0.12
HSL	184°, 52%, 75%
HSV	184°, 30%, 88%
XYZ	52.6907, 63.2130, 79.9452
YIQ	201.0320, -38.5570, -11.5890

# Conversions

## Conversions Part 2

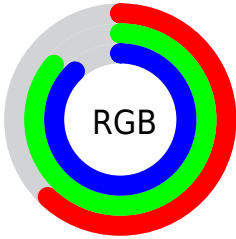
Format	Color
<a href="#">RYB</a>	<a href="#">157, 189, 224</a>
Decimal	<a href="#">10345440</a>
CIELab	<a href="#">83.55, -18.37, -8.78</a>
CIELCh	<a href="#">84, 20.364, 205.554</a>
Yxy	<a href="#">63.2130, 0.2690, 0.3228</a>
Android (android.graphics.Color)	<a href="#">4288535520 (0xFF9DDBE0)</a>
YUV	<a href="#">201.0320, 11.3232, -38.6161</a>
Hunter-Lab	<a href="#">79.5066, -20.8408, -3.9625</a>

# Details

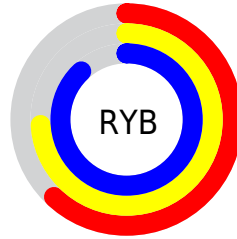
The Hex color **9DDBE0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0A29D**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D5FFFF**, and **67A4A9** is the 20% darker color. If you saturate the color by 10%, you get **87D9E0**, and if you desaturate by 10%, it is **B3DDE0**.

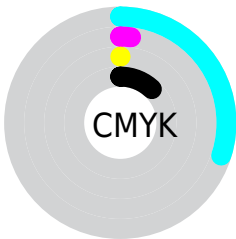
# Distribution



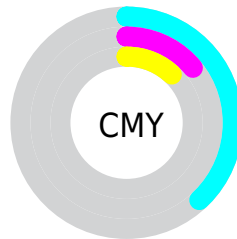
- Red (62%)
- Green (86%)
- Blue (88%)



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



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (38%)
- Magenta (14%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DDBE0 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 9DDBE0 by changing the saturation by 10% instead.



 9DDBE0

 9DDBE0

FFFFFF

 82BFC4

 D5FFFF

 67A4A9

 F2FFFF

 4C8A8E

 327075

 13575C

 004045

 002A2E

 00161A

 000000

 9DDBE0

 9DDBE0

 87D9E0

 B3DDE0

 70D8E0

 CADEE0

 5AD6E0

 E0E0E0

 43D4E0

 F7E2E0

 2DD3E0

 FFE3E0

 17D1E0

 FFE5E0

 00CFE0

 FFE7E0

 FFE8E0

 FFEAE0

# Harmonies

## Analogous

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



A5DBCD



9DDBE0



A3D8EF

# Triad

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



9DDBE0



E7C6E6



E2CEAA

# Complementary

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



9DDBE0



E0A29D

# 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.



F2C8B1



9DDBE0



F5C3D4

# Square

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



9DDBE0



D0CCF3



F9C4C1



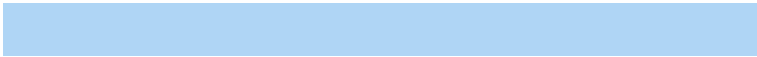
CDD4AD

# Rectangle

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



9DDBE0



AFD5F5



F9C4C1



E8CCAC

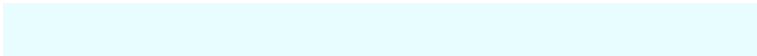


# Sweetspot

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



9DDBE0



E8FDFD



9DE0A1



717E80



000000



808080



# Same Dimension

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



9DDBE0



A3F8FF



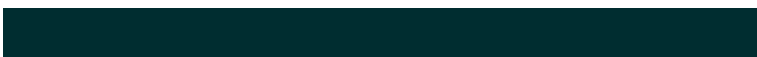
9DBAE0



656F70



00A3B0



002D30



# Inverse Universe

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



E09DDB



FFA3F8



E0C39D



70656F



B000A3

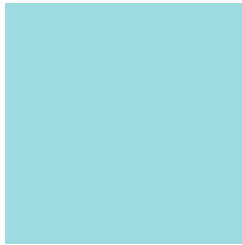


30002D



# Previews

## White Background



This preview shows how the Hex color 9DDBE0 looks on a white background.

## Color Contrast Check

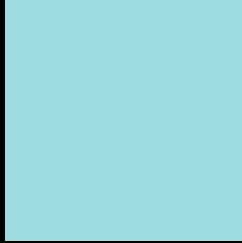
Large Text (above 18pt) WCAG AA × Fail

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 9DDBE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

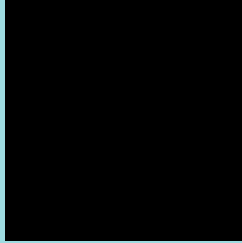
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DDBE0 Background



This preview shows how black text looks on a background with the Hex color 9DDBE0.



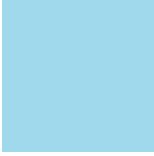
This preview shows how white text looks on a background with the Hex color 9DDBE0.

# 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



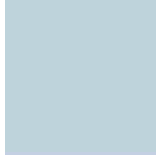


**Tritanopia**  
9FD9EB

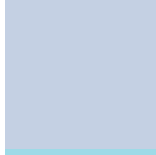
# Trichromacy



**Original Color**  
9DDBE0



**Protanomaly**  
BED3DB



**Deuteranomaly**  
C4D0E3

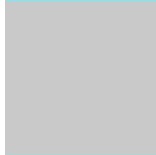


**Tritanomaly**  
9EDAE7

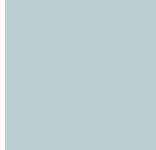
# Monochromacy



**Original Color**  
9DDBE0



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
B9D0D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DDBE0 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 #9DDBE0 looks like.

```
.text, #text, p{  
    color:#9DDBE0  
}
```

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 #9DDBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDBE0  
}
```

## Border

The CSS property to change the border of an element to Hex 9DDBE0 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  
#9DDBE0 }
```

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

```
.border{ border-color:#9DDBE0 }
```

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

Here you see how a box with a 4 pixel #9DDBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDBE0; -webkit-box-shadow:4px 4px  
4px 4px #9DDBE0; box-shadow:4px 4px 4px  
4px #9DDBE0 }
```

# Background

The CSS property to change the background color of an element to Hex 9DDBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDBE0 }
```

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

```
.background{ background-color:#9DDBE0 }
```

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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