

Converting Colors

Hex(9DC4E0)

Have a look what the booklet for
Hex(9DC4E0) contains.

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Color

Hex(9DC4E0)

Conversions

Conversions Part 1

Format	Color
Hex	9DC4E0
RGB	157, 196, 224
RGB Percent	62%, 77%, 88%
CMY	0.3843, 0.2314, 0.1216
CMYK	0.30, 0.12, 0.00, 0.12
HSL	205°, 52%, 75%
HSV	205°, 30%, 88%
XYZ	47.0991, 52.0298, 78.0814
YIQ	187.5310, -32.2320, 0.4400

Conversions

Conversions Part 2

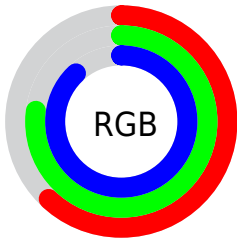
Format	Color
R _{YB}	157, 182, 224
Decimal	10339552
CIE Lab	77.30, -6.48, -18.16
CIE LCh	77, 19.280, 250.348
Yxy	52.0298, 0.2658, 0.2936
Android (android.graphics.Color)	4288529632 (0xFF9DC4E0)
YUV	187.5310, 17.9792, -26.7757
Hunter-Lab	72.1317, -9.6770, -13.6883

Details

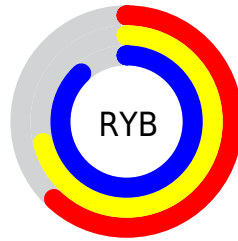
The Hex color **9DC4E0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E0B99D**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D5FDFF**, and **688EA9** is the 20% darker color. If you saturate the color by 10%, you get **87BBE0**, and if you desaturate by 10%, it is **B3CDE0**.

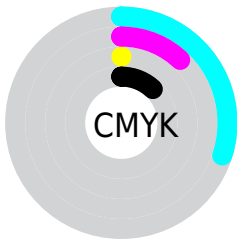
Distribution



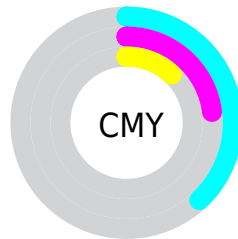
- Red (62%)
- Green (77%)
- Blue (88%)



- Red (62%)
- Yellow (71%)
- Blue (88%)



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



- Cyan (38%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC4E0 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 9DC4E0 by changing the saturation by 10% instead.

■ 9DC4E0

■ 9DC4E0

FFFFFF

■ 82A9C4

■ D5FDFF

■ 688EA9

■ F2FFFF

■ 4E758E

■ 345C75

■ 19455C

■ 002E44

■ 001A2E

■ 000119

■ 000000

9DC4E0

9DC4E0

87BBE0

B3CDE0

70B1E0

CAD7E0

5AA8E0

E0E0E0

439FE0

F7E9E0

2D95E0

FFF3E0

178CE0

FFFCE0

0082E0

FFFFE0

Harmonies

Analogous

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



90C8D5



9DC4E0



B3BEE2

Triad

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



9DC4E0



E4B2B9



B2C5A3

Complementary

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



9DC4E0



E0B99D

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.



C6C09C



9DC4E0



E2B5A9

Square

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



9DC4E0



DBB4CB



D8BA9E



9FC8B2

Rectangle

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



9DC4E0



C2BADE



D8BA9E



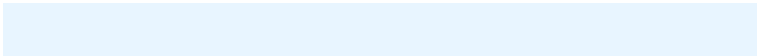
B9C3A0

Sweetspot

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



9DC4E0



E8F5FF



9DE0B9



717A80



000000



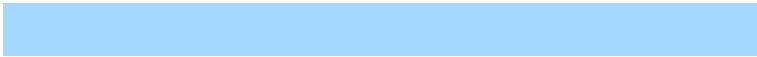
808080

Same Dimension

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



9DC4E0



A3D9FF



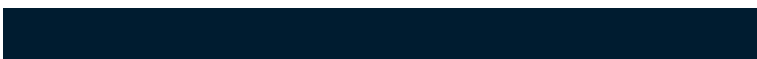
9DA3E0



656C70



0066B0



001C30

Inverse Universe

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



E09DC4



FFA3D9



E0DA9D



70656C



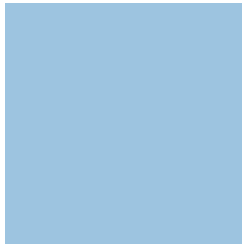
B00066



30001C

Previews

White Background



This preview shows how the Hex color 9DC4E0 looks on a white background.

Color Contrast Check

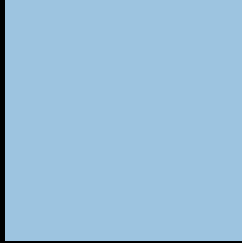
Large Text (above 18pt) WCAG AA × Fail

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 9DC4E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

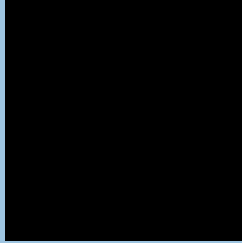
Any Text WCAG AA ✓ Pass

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 9DC4E0 Background



This preview shows how black text looks on a background with the Hex color 9DC4E0.



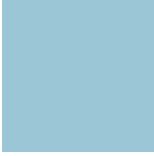
This preview shows how white text looks on a background with the Hex color 9DC4E0.

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](#).

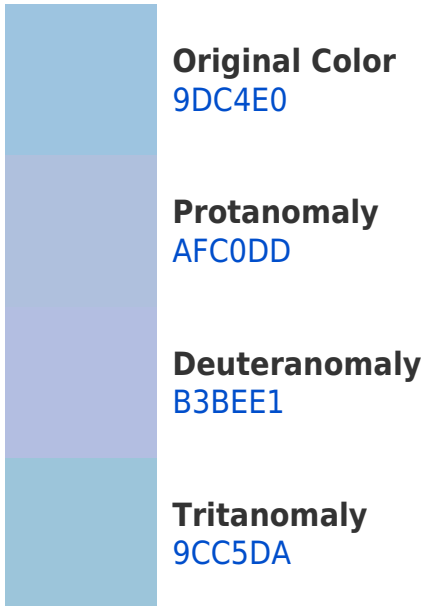
Dichromacy





Tritanopia
9BC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DC4E0 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 #9DC4E0 looks like.

```
.text, #text, p{  
    color:#9DC4E0  
}
```

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 #9DC4E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC4E0  
}
```

Border

The CSS property to change the border of an element to Hex 9DC4E0 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  
#9DC4E0 }
```

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

```
.border{ border-color:#9DC4E0 }
```

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

Here you see how a box with a 4 pixel #9DC4E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC4E0; -webkit-box-shadow:4px 4px  
4px 4px #9DC4E0; box-shadow:4px 4px 4px  
4px #9DC4E0 }
```

Background

The CSS property to change the background color of an element to Hex 9DC4E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC4E0 }
```

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

```
.background{ background-color:#9DC4E0 }
```

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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