

Converting Colors

Hex(9DC2E2)

Have a look what the booklet for
Hex(9DC2E2) contains.

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Color

Hex(9DC2E2)

Conversions

Conversions Part 1

Format	Color
Hex	9DC2E2
RGB	157, 194, 226
RGB Percent	62%, 76%, 89%
CMY	0.3843, 0.2392, 0.1137
CMYK	0.31, 0.14, 0.00, 0.11
HSL	208°, 54%, 75%
HSV	208°, 31%, 89%
XYZ	46.9239, 51.2427, 79.3692
YIQ	186.5850, -32.3240, 2.1080

Conversions

Conversions Part 2

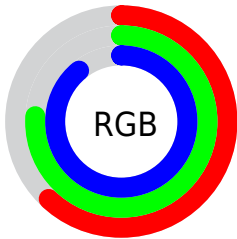
Format	Color
RYB	157, 181, 226
Decimal	10339042
CIELab	76.83, -4.94, -19.95
CIELCh	77, 20.552, 256.101
Yxy	51.2427, 0.2643, 0.2886
Android (android.graphics.Color)	4288529122 (0xFF9DC2E2)
YUV	186.5850, 19.4316, -25.9460
Hunter-Lab	71.5840, -8.2638, -15.6294

Details

The Hex color **9DC2E2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E2BD9D**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D5FAFF**, and **688CAB** is the 20% darker color. If you saturate the color by 10%, you get **86B8E2**, and if you desaturate by 10%, it is **B4CCE2**.

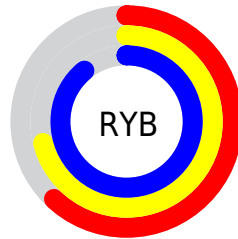
Distribution



Red (62%)

Green (76%)

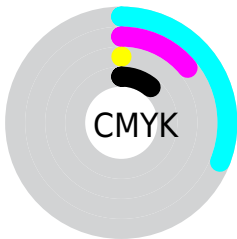
Blue (89%)



Red (62%)

Yellow (71%)

Blue (89%)

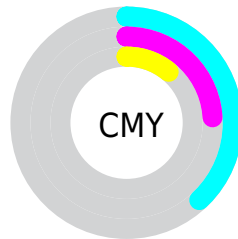


Cyan (31%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (24%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC2E2 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 9DC2E2 by changing the saturation by 10% instead.

 9DC2E2

 9DC2E2

FFFFFF

 82A7C6

 D5FAFF

 688CAB

 F2FFFF

 4E7390

 345B76

 19435E

 002D46

 00192F

 00011B

 000000

■ 9DC2E2

■ 9DC2E2

■ 86B8E2

■ B4CCE2

■ 70ADE2

■ CAD7E2

■ 59A3E2

■ E1E1E2

■ 4398E2

■ F7ECE2

■ 2C8EE2

■ FFF6E2

■ 1583E2

■ FFFFE2

■ 0079E2

Harmonies

Analogous

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



8DC7D8



9DC2E2



B5BCE2

Triad

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



9DC2E2



E5B0B4



ACC5A3

Complementary

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



9DC2E2



E2BD9D

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.



C2C099



9DC2E2



E2B4A3

Square

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



9DC2E2



DEB1C7



D5B999



98C8B4

Rectangle

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



9DC2E2



C6B7DC



D5B999



B3C39F

Sweetspot

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



9DC2E2



E8F4FF



9DE2BC



717980



000000



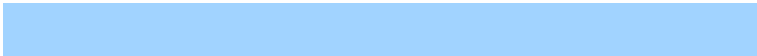
808080

Same Dimension

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



9DC2E2



A1D3FF



9DA0E2



656B70



005EB0



001A30

Inverse Universe

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



E29DC2



FFA1D3



E2DF9D



70656B



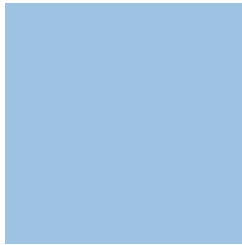
B0005E



30001A

Previews

White Background



This preview shows how the Hex color 9DC2E2 looks on a white background.

Color Contrast Check

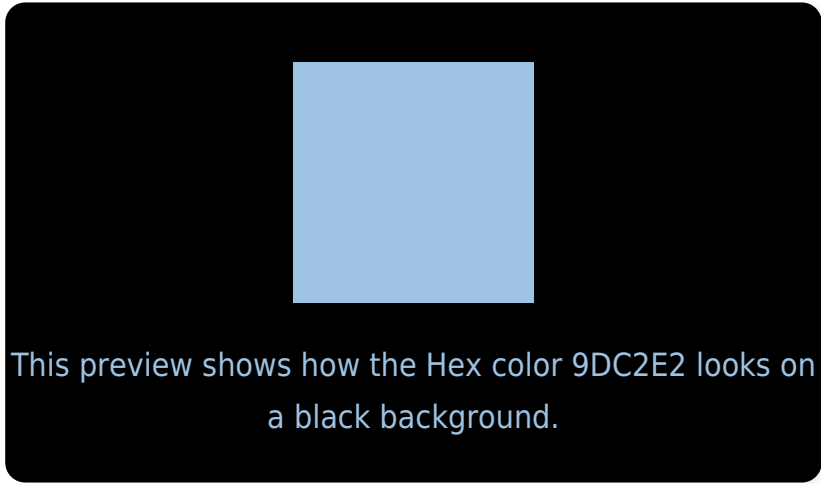
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

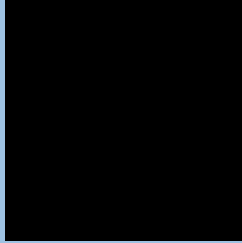
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

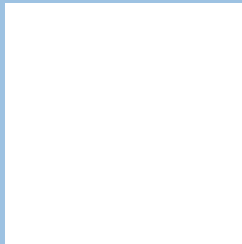
Any Text WCAG AAA ✓ Pass

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

Hex 9DC2E2 Background



This preview shows how black text looks on a background with the Hex color 9DC2E2.

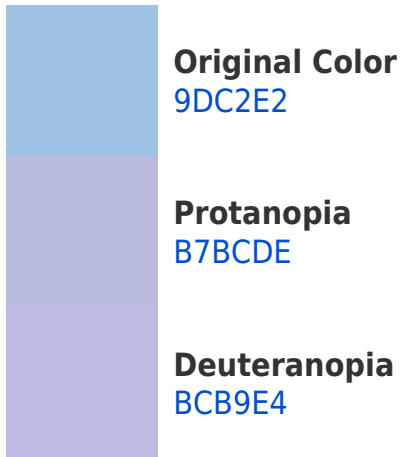


This preview shows how white text looks on a background with the Hex color 9DC2E2.

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](#).

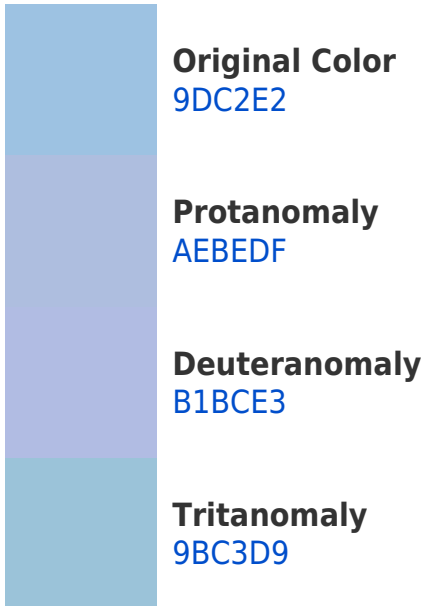
Dichromacy



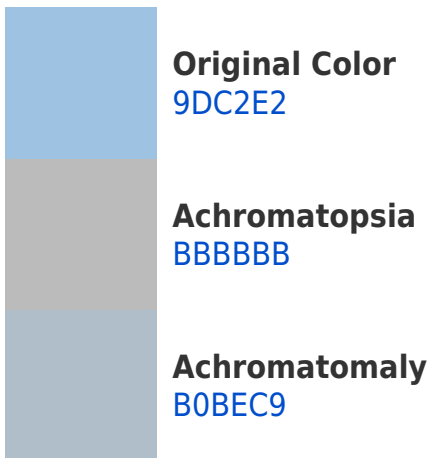


Tritanopia
9AC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DC2E2 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 #9DC2E2 looks like.

```
.text, #text, p{  
    color:#9DC2E2  
}
```

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 #9DC2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC2E2
}
```

Border

The CSS property to change the border of an element to Hex 9DC2E2 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
#9DC2E2 }
```

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

```
.border{ border-color:#9DC2E2 }
```

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

Here you see how a box with a 4 pixel #9DC2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC2E2; -webkit-box-shadow:4px 4px  
4px 4px #9DC2E2; box-shadow:4px 4px 4px  
4px #9DC2E2 }
```

Background

The CSS property to change the background color of an element to Hex 9DC2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC2E2 }
```

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

```
.background{ background-color:#9DC2E2 }
```

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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