

Converting Colors

Hex(9EA2D0)

Have a look what the booklet for
Hex(9EA2D0) contains.

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Color

Hex(9EA2D0)

Conversions

Conversions Part 1

Format	Color
Hex	9EA2D0
RGB	158, 162, 208
RGB Percent	62%, 64%, 82%
CMY	0.3804, 0.3647, 0.1843
CMYK	0.24, 0.22, 0.00, 0.18
HSL	235°, 35%, 72%
HSV	235°, 24%, 82%
XYZ	38.4060, 37.6638, 64.9201
YIQ	166.0480, -17.1500, 13.4580

Conversions

Conversions Part 2

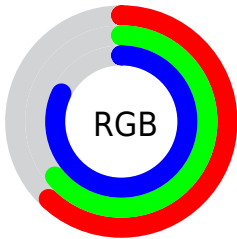
Format	Color
RYB	158, 162, 208
Decimal	10396368
CIELab	67.77, 8.56, -23.90
CIELCh	68, 25.386, 289.713
Yxy	37.6638, 0.2724, 0.2671
Android (android.graphics.Color)	4288586448 (0xFF9EA2D0)
YUV	166.0480, 20.6823, -7.0581
Hunter-Lab	61.3709, 4.3068, -19.7593

Details

The Hex color **9EA2D0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D0CC9E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D5D9FF**, and **6A6F99** is the 20% darker color. If you saturate the color by 10%, you get **898FD0**, and if you desaturate by 10%, it is **B3B5D0**.

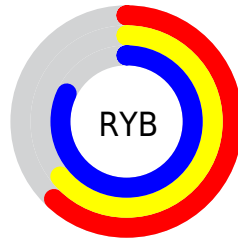
Distribution



Red (62%)

Green (64%)

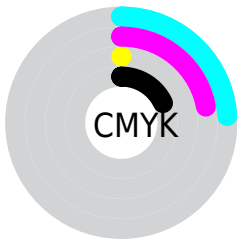
Blue (82%)



Red (62%)

Yellow (64%)

Blue (82%)

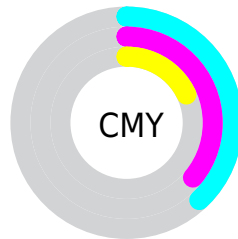


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA2D0 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 9EA2D0 by changing the saturation by 10% instead.

■ 9EA2D0

■ 9EA2D0

FFFFFF

■ 8388B4

■ D5D9FF

■ 6A6F99

■ F2F5FF

■ 51567F

■ 383F66

■ 20294E

■ 061537

■ 000221

■ 000007

■ 000000

 9EA2D0

 9EA2D0

 898FD0

 B3B5D0

 747CD0

 C8C8D0

 6069D0

 DCDBD0

 4B55D0

 F1EFD0

 3642D0

 FFFFD0

 212FD0

 0C1CD0

 0011D0

Harmonies

Analogous

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



7EAD2



9EA2D0



BB9AC3

Triad

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



9EA2D0



CE9A83



73B19C

Complementary

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



9EA2D0



D0CC9E

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.



8CAE87



9EA2D0



BDA178

Square

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



9EA2D0



D49597



A6A87A



62B2B4

Rectangle

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



9EA2D0



C996B6



A6A87A



7BB195

Sweetspot

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



9EA2D0



EDEFFF



9ED0CC



757680



000000



808080

Same Dimension

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



9EA2D0



B5BBFF



B39ED0



5E5F69



000DA8



000329

Inverse Universe

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



D09EA2



FFB5BB



BBD09E



695E5F



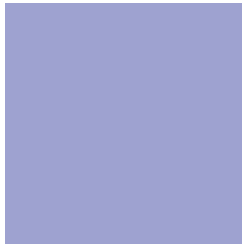
A8000D



290003

Previews

White Background



This preview shows how the Hex color 9EA2D0 looks on a white background.

Color Contrast Check

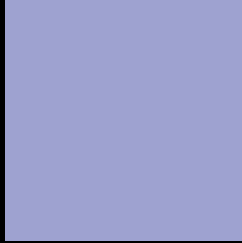
Large Text (above 18pt) WCAG AA × Fail

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 9EA2D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

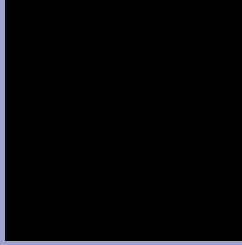
Any Text WCAG AA ✓ Pass

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 9EA2D0 Background



This preview shows how black text looks on a background with the Hex color 9EA2D0.



This preview shows how white text looks on a background with the Hex color 9EA2D0.

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



Original Color
9EA2D0

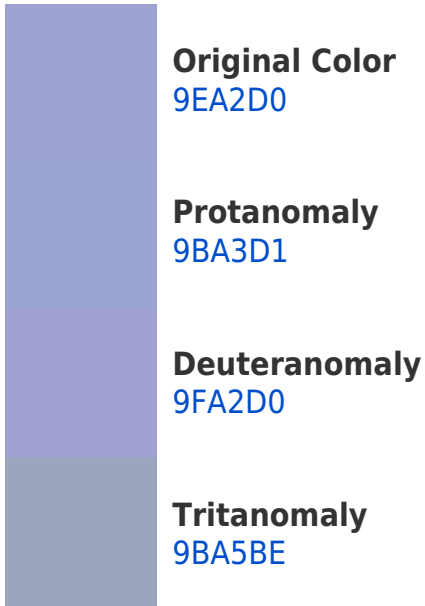
Protanopia
9AA3D1

Deuteranopia
9FA2D0

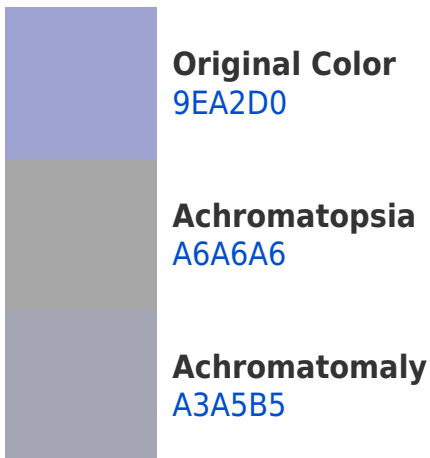


Tritanopia
99A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA2D0 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 #9EA2D0 looks like.

```
.text, #text, p{  
    color:#9EA2D0  
}
```

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 #9EA2D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA2D0  
}
```

Border

The CSS property to change the border of an element to Hex 9EA2D0 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  
#9EA2D0 }
```

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

```
.border{ border-color:#9EA2D0 }
```

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

Here you see how a box with a 4 pixel #9EA2D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA2D0; -webkit-box-shadow:4px 4px  
4px 4px #9EA2D0; box-shadow:4px 4px 4px  
4px #9EA2D0 }
```

Background

The CSS property to change the background color of an element to Hex 9EA2D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA2D0 }
```

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

```
.background{ background-color:#9EA2D0 }
```

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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