

Converting Colors

Hex(96A1E8)

Have a look what the booklet for
Hex(96A1E8) contains.

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Color

Hex(96A1E8)

Conversions

Conversions Part 1

Format	Color
Hex	96A1E8
RGB	150, 161, 232
RGB Percent	59%, 63%, 91%
CMY	0.4118, 0.3686, 0.0902
CMYK	0.35, 0.31, 0.00, 0.09
HSL	232°, 64%, 75%
HSV	232°, 35%, 91%
XYZ	39.8880, 37.8000, 81.5377
YIQ	165.8050, -29.3470, 19.7490

Conversions

Conversions Part 2

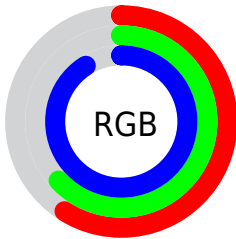
Format	Color
R_{YB}	150, 160, 232
Decimal	9871848
CIE _{Lab}	67.87, 12.82, -37.01
CIE _{LCh}	68, 39.170, 289.110
Yxy	37.8000, 0.2505, 0.2374
Android (android.graphics.Color)	4288061928 (0xFF96A1E8)
YUV	165.8050, 32.6341, -13.8610
Hunter-Lab	61.4817, 8.2142, -35.5939

Details

The Hex color **96A1E8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E8DD96**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CED8FF**, and **606EB0** is the 20% darker color. If you saturate the color by 10%, you get **7F8DE8**, and if you desaturate by 10%, it is **ADB5E8**.

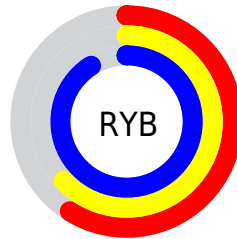
Distribution



Red (59%)

Green (63%)

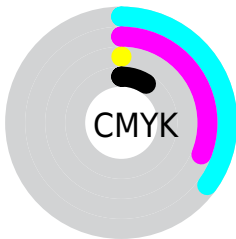
Blue (91%)



Red (59%)

Yellow (63%)

Blue (91%)

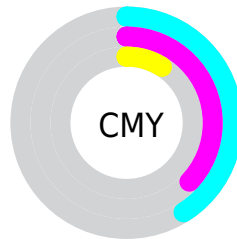


Cyan (35%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (41%)

Magenta (37%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A1E8 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 96A1E8 by changing the saturation by 10% instead.

■ 96A1E8

■ 96A1E8

FFFFFF

■ 7B87CC

■ CED8FF

■ 606EB0

■ EBF4FF

■ 455595

■ 2A3E7B

■ 052962

■ 00154A

■ 000133

■ 00021D

■ 000000

 96A1E8

 96A1E8

 7F8DE8

 ADB5E8

 6879E8

 C4C9E8

 5065E8

 DCDDE8

 3951E8

 F3F1E8

 223DE8

 FFFFE8

 0B28E8

 001FE8

Harmonies

Analogous

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



58ADEA



96A1E8



C594D4

Triad

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



96A1E8



E09371



4DB797

Complementary

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



96A1E8



E8DD96

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.



7DB376



96A1E8



C89F60

Square

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



96A1E8



EA8A90



A6AA61



00B8BB

Rectangle

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



96A1E8



DA8DBF



A6AA61



5EB68B

Sweetspot

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



96A1E8



E3E7FF



96E8DC



6F7180



000000



808080

Same Dimension

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



96A1E8



94A2FF



B396E8



676973



0018B3



000733

Inverse Universe

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



E896A1



FF94A2



CBE896



736769



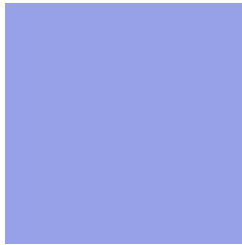
B30018



330007

Previews

White Background



This preview shows how the Hex color 96A1E8 looks on a white background.

Color Contrast Check

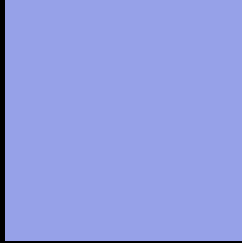
Large Text (above 18pt) WCAG AA × Fail

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 96A1E8 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 96A1E8 Background



This preview shows how black text looks on a background with the Hex color 96A1E8.



This preview shows how white text looks on a background with the Hex color 96A1E8.

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
96A1E8

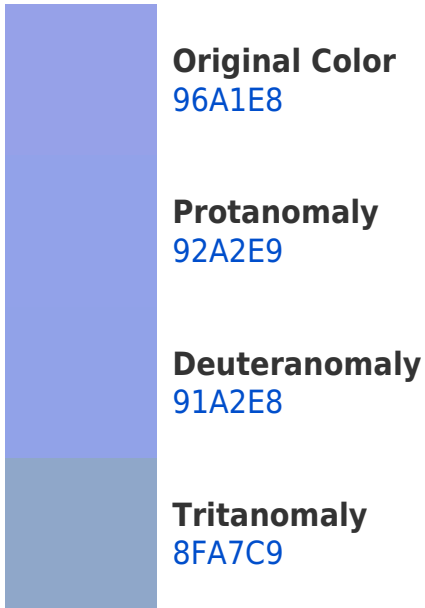
Protanopia
8FA3E9

Deuteranopia
8EA3E8

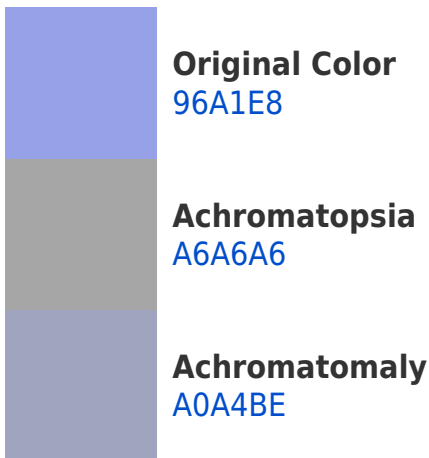


Tritanopia
8BAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A1E8 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 #96A1E8 looks like.

```
.text, #text, p{  
    color:#96A1E8  
}
```

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 #96A1E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A1E8
}
```

Border

The CSS property to change the border of an element to Hex 96A1E8 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
#96A1E8 }
```

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

```
.border{ border-color:#96A1E8 }
```

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

Here you see how a box with a 4 pixel #96A1E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A1E8; -webkit-box-shadow:4px 4px  
4px 4px #96A1E8; box-shadow:4px 4px 4px  
4px #96A1E8 }
```

Background

The CSS property to change the background color of an element to Hex 96A1E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A1E8 }
```

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

```
.background{ background-color:#96A1E8 }
```

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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