

Converting Colors

Hex(96A2E3)

Have a look what the booklet for
Hex(96A2E3) contains.

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Color

Hex(96A2E3)

Conversions

Conversions Part 1

Format	Color
Hex	96A2E3
RGB	150, 162, 227
RGB Percent	59%, 64%, 89%
CMY	0.4118, 0.3647, 0.1098
CMYK	0.34, 0.29, 0.00, 0.11
HSL	231°, 58%, 74%
HSV	231°, 34%, 89%
XYZ	39.3631, 37.8707, 77.9082
YIQ	165.8220, -28.0170, 17.6710

Conversions

Conversions Part 2

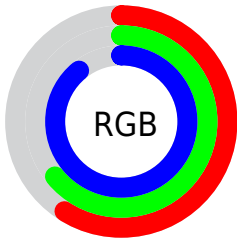
Format	Color
R_{YB}	150, 160, 227
Decimal	9872099
CIE _{Lab}	67.93, 10.95, -34.19
CIE _{LCh}	68, 35.896, 287.759
Yxy	37.8707, 0.2537, 0.2441
Android (android.graphics.Color)	4288062179 (0xFF96A2E3)
YUV	165.8220, 30.1608, -13.8759
Hunter-Lab	61.5392, 6.4827, -31.9832

Details

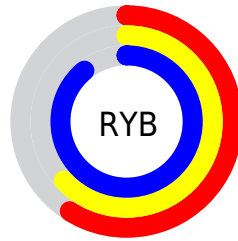
The Hex color **96A2E3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E3D796**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CED9FF**, and **606FAB** is the 20% darker color. If you saturate the color by 10%, you get **7F8FE3**, and if you desaturate by 10%, it is **ADB5E3**.

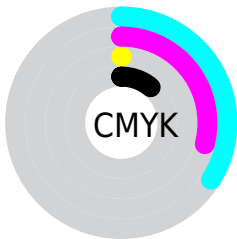
Distribution



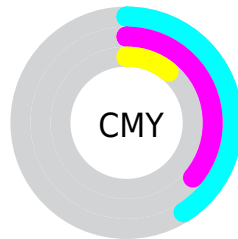
- Red (59%)
- Green (64%)
- Blue (89%)



- Red (59%)
- Yellow (63%)
- Blue (89%)



- Cyan (34%)
- Magenta (29%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (36%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A2E3 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 96A2E3 by changing the saturation by 10% instead.

 96A2E3

 96A2E3

FFFFFF

 7B88C7

 CED9FF

 606FAB


 EBF5FF

 465691

 2B3F77

 0B2A5E

 001646

 00022F

 000119

 000000

■ 96A2E3

■ 96A2E3

■ 7F8FE3

■ ADB5E3

■ 697CE3

■ C3C8E3

■ 5269E3

■ DADBE3

■ 3B55E3

■ F1EFE3

■ 2542E3

■ FFFFE3

■ 0E2FE3

■ 0023E3

Harmonies

Analogous

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



60ADE4



96A2E3



C196D1

Triad

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



96A2E3



DD9477



5AB697

Complementary

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



96A2E3



E3D796

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.



83B279



96A2E3



C79F66

Square

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



96A2E3



E58D93



A8AA67



2FB7B8

Rectangle

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



96A2E3



D590BF



A8AA67



68B58C

Sweetspot

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



96A2E3



E6E9FF



96E3D6



707380



000000



808080

Same Dimension

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



96A2E3



96A7FF



B096E3



676973



001CB3



000833

Inverse Universe

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



E396A2



FF96A7



C9E396



736769



B3001C



330008

Previews

White Background



This preview shows how the Hex color 96A2E3 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 96A2E3 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 96A2E3 Background



This preview shows how black text looks on a background with the Hex color 96A2E3.



This preview shows how white text looks on a background with the Hex color 96A2E3.

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

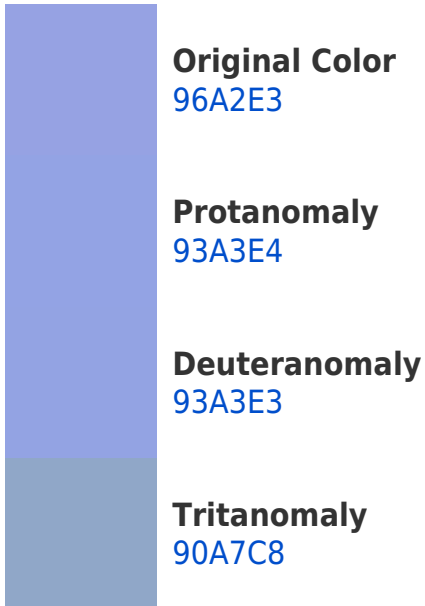


Original Color
96A2E3

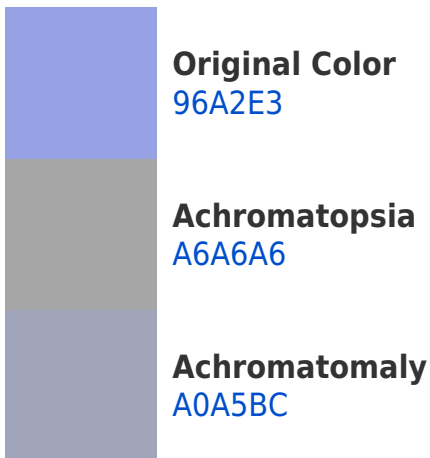
Protanopia
92A3E4

Deuteranopia
92A3E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A2E3 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 #96A2E3 looks like.

```
.text, #text, p{  
    color:#96A2E3  
}
```

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 #96A2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A2E3  
}
```

Border

The CSS property to change the border of an element to Hex 96A2E3 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  
#96A2E3 }
```

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

```
.border{ border-color:#96A2E3 }
```

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

Here you see how a box with a 4 pixel #96A2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A2E3; -webkit-box-shadow:4px 4px  
4px 4px #96A2E3; box-shadow:4px 4px 4px  
4px #96A2E3 }
```

Background

The CSS property to change the background color of an element to Hex 96A2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A2E3 }
```

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

```
.background{ background-color:#96A2E3 }
```

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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