

Converting Colors

Hex(94A3E0)

Have a look what the booklet for
Hex(94A3E0) contains.

Hex(94A3E0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(94A3E0)

Conversions

Conversions Part 1

Format	Color
Hex	94A3E0
RGB	148, 163, 224
RGB Percent	58%, 64%, 88%
CMY	0.4196, 0.3608, 0.1216
CMYK	0.34, 0.27, 0.00, 0.12
HSL	228°, 55%, 73%
HSV	228°, 34%, 88%
XYZ	38.7645, 37.8721, 75.7879
YIQ	165.4690, -28.5210, 15.7910

Conversions

Conversions Part 2

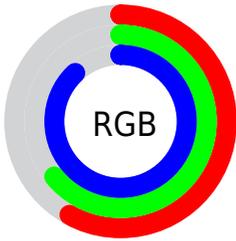
Format	Color
R_{YB}	148, 161, 224
Decimal	9741280
CIE Lab	67.93, 9.05, -32.55
CIE LCh	68, 33.779, 285.532
Yxy	37.8721, 0.2543, 0.2485
Android (android.graphics.Color)	4287931360 (0xFF94A3E0)
YUV	165.4690, 28.8558, -15.3203
Hunter-Lab	61.5403, 4.7423, -29.9384

Details

The Hex color **94A3E0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E0D194**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **CCDAFF**, and **5F70A9** is the 20% darker color. If you saturate the color by 10%, you get **7E91E0**, and if you desaturate by 10%, it is **AAB5E0**.

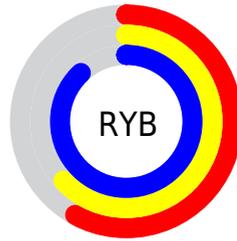
Distribution



Red (58%)

Green (64%)

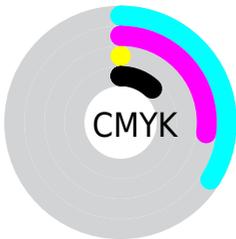
Blue (88%)



Red (58%)

Yellow (63%)

Blue (88%)

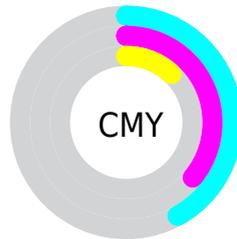


Cyan (34%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (42%)

Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94A3E0 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 94A3E0 by changing the saturation by 10% instead.

■ 94A3E0

■ 94A3E0

FFFFFF

■ 7989C4

■ CCDAFF

■ 5F70A9

■ E9F6FF

■ 44578E

■ 2A4074

■ 092A5B

■ 001743

■ 00032D

■ 000117

■ 000000

■ 94A3E0

■ 94A3E0

■ 7E91E0

■ AAB5E0

■ 677FE0

■ C1C7E0

■ 516DE0

■ D7D9E0

■ 3A5BE0

■ EEEBE0

■ 2449E0

■ FFFDE0

■ 0E37E0

■ FFFFEO

■ 002CE0

Harmonies

Analogous

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



63ADE0



94A3E0



BD98D0

Triad

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



94A3E0



DB957B



63B595

Complementary

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



94A3E0



E0D194

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.



88B07A



94A3E0



C79F6B

Square

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



94A3E0



E28F97



AAA96A



3FB6B5

Rectangle

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



94A3E0



D192BF



AAA96A



6FB48B

Sweetspot

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



94A3E0



E6EBFF



94E0D1



707380



000000



808080

Same Dimension

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



94A3E0



96ABFF



AB94E0



656770



0023B0



000A30

Inverse Universe

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



E094A3



FF96AB



C9E094



706567



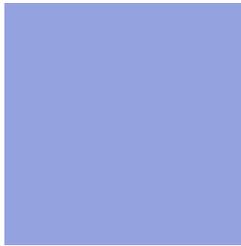
B00023



30000A

Previews

White Background



This preview shows how the Hex color 94A3E0 looks on a white background.

Color Contrast Check

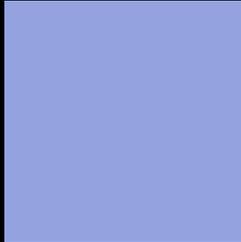
Large Text (above 18pt) WCAG AA × Fail

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 94A3E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

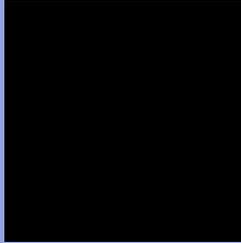
Any Text WCAG AA ✓ Pass

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 94A3E0 Background



This preview shows how black text looks on a background with the Hex color 94A3E0.



This preview shows how white text looks on a background with the Hex color 94A3E0.

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](#).

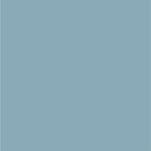
Dichromacy



Original Color
94A3E0

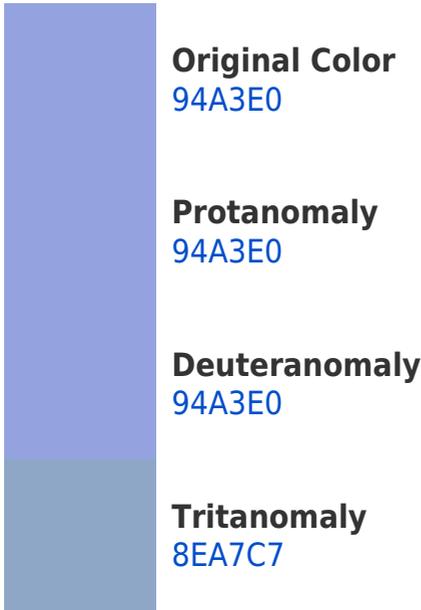
Protanopia
94A3E0

Deuteranopia
94A3E0



Tritanopia
8BAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94A3E0 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 #94A3E0 looks like.

```
.text, #text, p{  
    color:#94A3E0  
}
```

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 #94A3E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A3E0
}
```

Border

The CSS property to change the border of an element to Hex 94A3E0 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
#94A3E0 }
```

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

```
.border{ border-color:#94A3E0 }
```

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

Here you see how a box with a 4 pixel #94A3E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A3E0; -webkit-box-shadow:4px 4px  
4px 4px #94A3E0; box-shadow:4px 4px 4px  
4px #94A3E0 }
```

Background

The CSS property to change the background color of an element to Hex 94A3E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A3E0 }
```

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

```
.background{ background-color:#94A3E0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor