

Converting Colors

Hex(93A4E4)

Have a look what the booklet for
Hex(93A4E4) contains.

Hex(93A4E4)	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(93A4E4)

Conversions

Conversions Part 1

Format	Color
Hex	93A4E4
RGB	147, 164, 228
RGB Percent	58%, 64%, 89%
CMY	0.4235, 0.3569, 0.1059
CMYK	0.36, 0.28, 0.00, 0.11
HSL	227°, 60%, 74%
HSV	227°, 36%, 89%
XYZ	39.3117, 38.3554, 78.7302
YIQ	166.2130, -30.6760, 16.3000

Conversions

Conversions Part 2

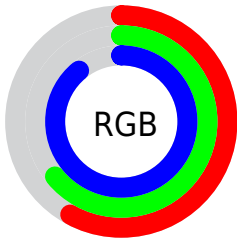
Format	Color
R_{YB}	147, 161, 228
Decimal	9676004
CIE Lab	68.28, 9.25, -34.20
CIE LCh	68, 35.426, 285.135
Yxy	38.3554, 0.2514, 0.2452
Android (android.graphics.Color)	4287866084 (0xFF93A4E4)
YUV	166.2130, 30.4610, -16.8498
Hunter-Lab	61.9317, 4.9238, -32.0197

Details

The Hex color **93A4E4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4D393**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CBDBFF**, and **5D70AC** is the 20% darker color. If you saturate the color by 10%, you get **7C92E4**, and if you desaturate by 10%, it is **AAB6E4**.

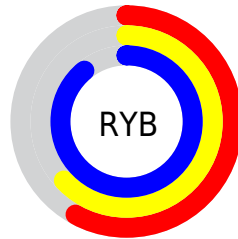
Distribution



Red (58%)

Green (64%)

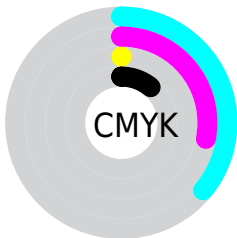
Blue (89%)



Red (58%)

Yellow (63%)

Blue (89%)

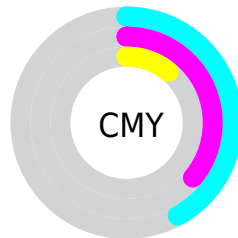


Cyan (36%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A4E4 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 93A4E4 by changing the saturation by 10% instead.

■ 93A4E4

■ 93A4E4

FFFFFF

■ 788AC8

■ CBDBFF

■ 5D70AC

■ E8F7FF

■ 435892

■ 274178

■ 022B5F

■ 001746

■ 000230

■ 00011A

■ 000000

■ 93A4E4

■ 93A4E4

■ 7C92E4

■ AAB6E4

■ 6580E4

■ C1C8E4

■ 4F6EE4

■ D7DAE4

■ 385CE4

■ EEECE4

■ 214AE4

■ FFFEE4

■ 0A38E4

■ FFFFE4

■ 0030E4

Harmonies

Analogous

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



5EAEE4



93A4E4



BF98D4

Triad

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



93A4E4



DF947B



60B795

Complementary

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



93A4E4



E4D393

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.



88B278



93A4E4



CA9F69

Square

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



93A4E4



E58E97



ACAA68



37B8B6

Rectangle

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



93A4E4



D392C2



ACAA68



6EB58B

Sweetspot

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



93A4E4



E3E9FF



93E4D2



6F7280



000000



808080

Same Dimension

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



93A4E4



91A8FF



AA93E4



676A73



0025B3



000B33

Inverse Universe

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



E493A4



FF91A8



CDE493



73676A



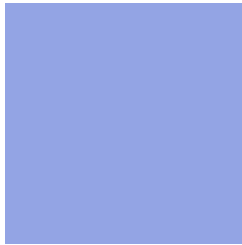
B30025



33000B

Previews

White Background



This preview shows how the Hex color 93A4E4 looks on a white background.

Color Contrast Check

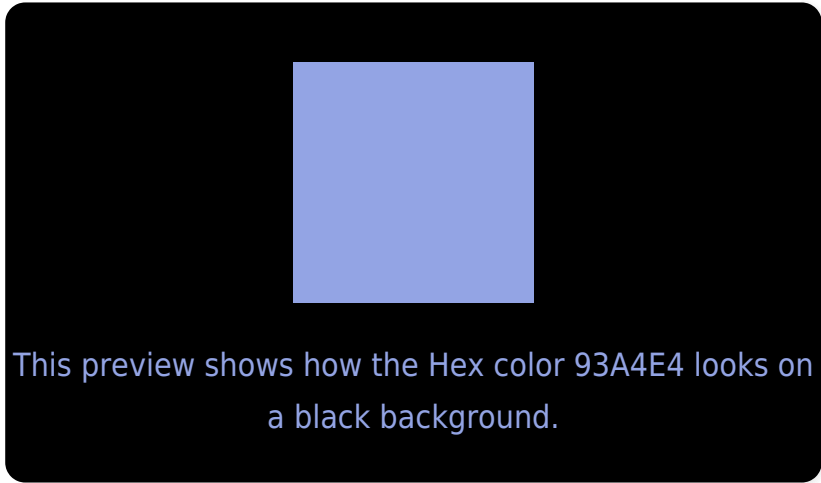
Large Text (above 18pt) WCAG AA × Fail

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

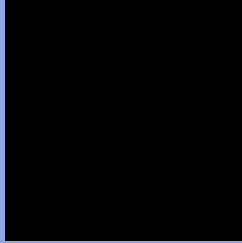
Any Text WCAG AA ✓ Pass

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 93A4E4 Background



This preview shows how black text looks on a background with the Hex color 93A4E4.



This preview shows how white text looks on a background with the Hex color 93A4E4.

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

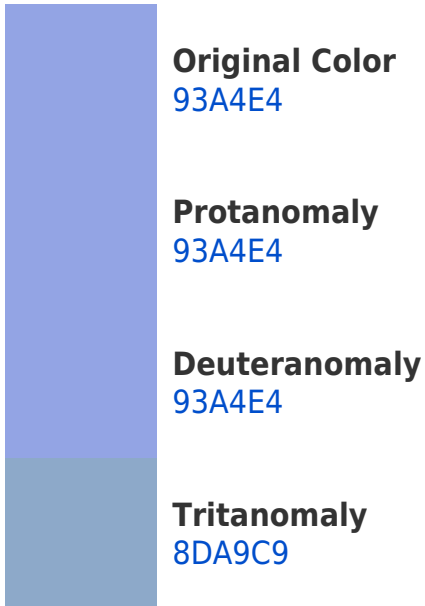


Original Color
93A4E4

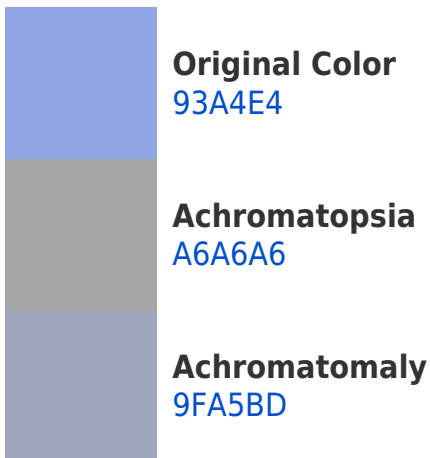
Protanopia
93A4E4

Deuteranopia
93A4E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93A4E4 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 #93A4E4 looks like.

```
.text, #text, p{  
    color:#93A4E4  
}
```

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 #93A4E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A4E4
}
```

Border

The CSS property to change the border of an element to Hex 93A4E4 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
#93A4E4 }
```

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

```
.border{ border-color:#93A4E4 }
```

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

Here you see how a box with a 4 pixel #93A4E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A4E4; -webkit-box-shadow:4px 4px  
4px 4px #93A4E4; box-shadow:4px 4px 4px  
4px #93A4E4 }
```

Background

The CSS property to change the background color of an element to Hex 93A4E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A4E4 }
```

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

```
.background{ background-color:#93A4E4 }
```

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