

Converting Colors

Hex(90A5E8)

Have a look what the booklet for
Hex(90A5E8) contains.

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Color

Hex(90A5E8)

Conversions

Conversions Part 1

Format	Color
Hex	90A5E8
RGB	144, 165, 232
RGB Percent	56%, 65%, 91%
CMY	0.4353, 0.3529, 0.0902
CMYK	0.38, 0.29, 0.00, 0.09
HSL	226°, 66%, 74%
HSV	226°, 38%, 91%
XYZ	39.5222, 38.6658, 81.7241
YIQ	166.3590, -34.0230, 16.3850

Conversions

Conversions Part 2

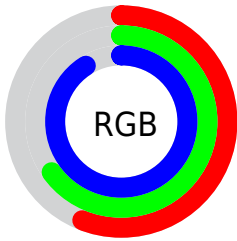
Format	Color
RYB	144, 161, 232
Decimal	9479656
CIELab	68.51, 8.94, -36.05
CIElCh	69, 37.145, 283.920
Yxy	38.6658, 0.2471, 0.2418
Android (android.graphics.Color)	4287669736 (0xFF90A5E8)
YUV	166.3590, 32.3610, -19.6088
Hunter-Lab	62.1818, 4.6349, -34.3962

Details

The Hex color **90A5E8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E8D390**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C8DCFF**, and **5A71B0** is the 20% darker color. If you saturate the color by 10%, you get **7993E8**, and if you desaturate by 10%, it is **A7B7E8**.

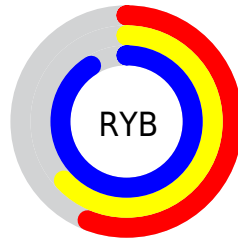
Distribution



Red (56%)

Green (65%)

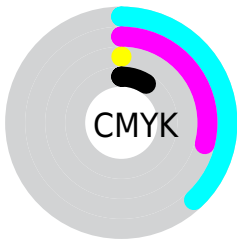
Blue (91%)



Red (56%)

Yellow (63%)

Blue (91%)

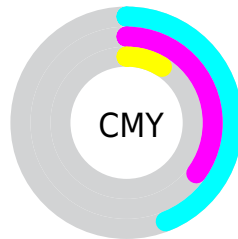


Cyan (38%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (44%)

Magenta (35%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A5E8 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 90A5E8 by changing the saturation by 10% instead.

■ 90A5E8

■ 90A5E8

FFFFFF

■ 758BCC

■ C8DCFF

■ 5A71B0

■ E5F8FF

■ 3E5995

■ 21427B

■ 002C62

■ 00184A

■ 000233

■ 00021D

■ 000000

 90A5E8

 90A5E8

 7993E8

 A7B7E8

 6282E8

 BEC8E8

 4A70E8

 D6DAE8

 335EE8

 EDECE8

 1C4DE8

 FFFDE8

 053BE8

 FFFFE8

 0037E8

Harmonies

Analogous

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



56B0E7



90A5E8



BF99D8

Triad

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



90A5E8



E2947A



5EB893

Complementary

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



90A5E8



E8D390

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.



88B376



90A5E8



CD9F67

Square

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



90A5E8



E98D99



AEAA65



2DB9B6

Rectangle

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



90A5E8



D592C5



AEAA65



6DB688

Sweetspot

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



90A5E8



E3EAFF



90E8D2



6F7380



000000



808080

Same Dimension

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



90A5E8



8AA6FF



A690E8



676A73



002BB3



000C33

Inverse Universe

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



E890A5



FF8AA6



D2E890



73676A



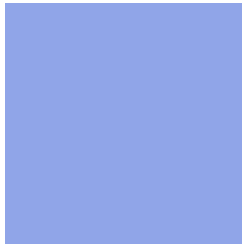
B3002B



33000C

Previews

White Background



This preview shows how the Hex color 90A5E8 looks on a white background.

Color Contrast Check

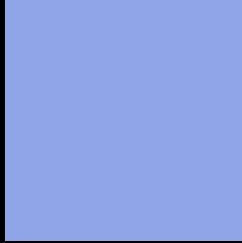
Large Text (above 18pt) WCAG AA × Fail

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 90A5E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

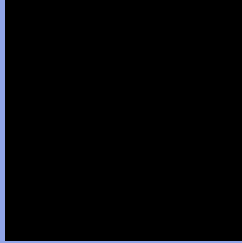
Any Text WCAG AA ✓ Pass

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 90A5E8 Background



This preview shows how black text looks on a background with the Hex color 90A5E8.



This preview shows how white text looks on a background with the Hex color 90A5E8.

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
90A5E8

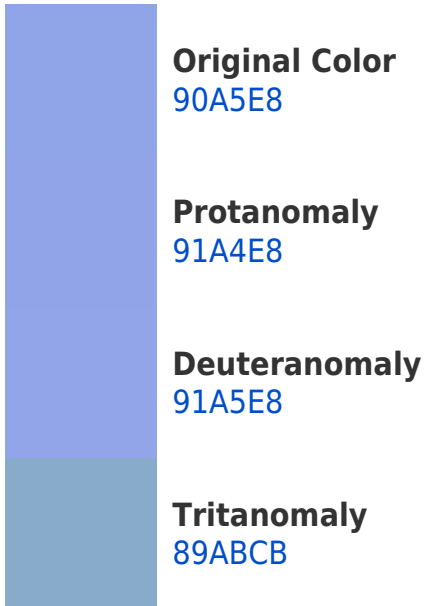
Protanopia
92A4E8

Deuteranopia
91A5E8

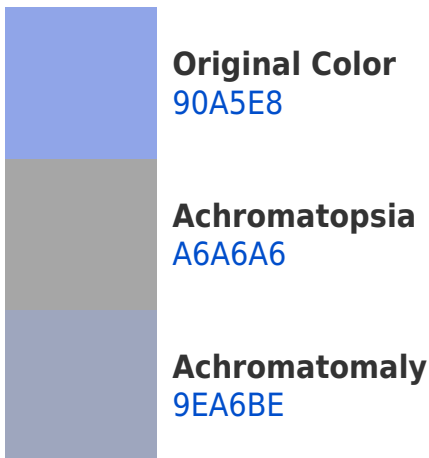


Tritanopia
85AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90A5E8 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 #90A5E8 looks like.

```
.text, #text, p{  
    color:#90A5E8  
}
```

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 #90A5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A5E8
}
```

Border

The CSS property to change the border of an element to Hex 90A5E8 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
#90A5E8 }
```

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

```
.border{ border-color:#90A5E8 }
```

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

Here you see how a box with a 4 pixel #90A5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A5E8; -webkit-box-shadow:4px 4px  
4px 4px #90A5E8; box-shadow:4px 4px 4px  
4px #90A5E8 }
```

Background

The CSS property to change the background color of an element to Hex 90A5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A5E8 }
```

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

```
.background{ background-color:#90A5E8 }
```

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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