

Converting Colors

Hex(90A7E7)

Have a look what the booklet for
Hex(90A7E7) contains.

Hex(90A7E7)	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(90A7E7)

Conversions

Conversions Part 1

Format	Color
Hex	90A7E7
RGB	144, 167, 231
RGB Percent	56%, 65%, 91%
CMY	0.4353, 0.3451, 0.0941
CMYK	0.38, 0.28, 0.00, 0.09
HSL	224°, 64%, 74%
HSV	224°, 38%, 91%
XYZ	39.7441, 39.3362, 81.0992
YIQ	167.4190, -34.2520, 15.0280

Conversions

Conversions Part 2

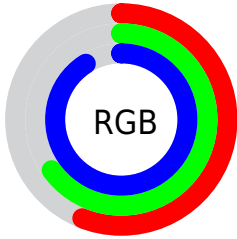
Format	Color
RYB	144, 162, 231
Decimal	9480167
CIELab	68.99, 7.54, -34.75
CIELCh	69, 35.560, 282.241
Yxy	39.3362, 0.2481, 0.2456
Android (android.graphics.Color)	4287670247 (0xFF90A7E7)
YUV	167.4190, 31.3454, -20.5385
Hunter-Lab	62.7186, 3.3560, -32.7628

Details

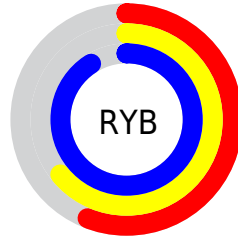
The Hex color **90A7E7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E7D090**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C8DEFF**, and **5A73AF** is the 20% darker color. If you saturate the color by 10%, you get **7996E7**, and if you desaturate by 10%, it is **A7B8E7**.

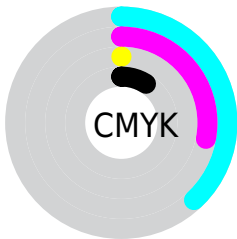
Distribution



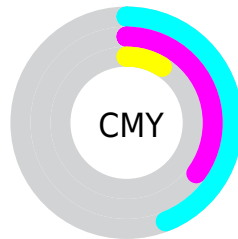
- Red (56%)
- Green (65%)
- Blue (91%)



- Red (56%)
- Yellow (64%)
- Blue (91%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A7E7 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 90A7E7 by changing the saturation by 10% instead.

■ 90A7E7

FFFFFF

■ C8DEFF

■ E5FAFF

■ 90A7E7

■ 758DCB

■ 5A73AF

■ 3F5B94

■ 22447A

■ 002E61

■ 001A49

■ 000232

■ 00021C

■ 000000

 90A7E7

 90A7E7

 7996E7

 A7B8E7

 6285E7

 BEC9E7

 4B74E7

 D5DAE7

 3463E7

 ECEBE7

 1C52E7

 FFFCE7

 0541E7

 FFFFE7

 003DE7

Harmonies

Analogous

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



5BB1E5



90A7E7



BD9BD8

Triad

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



90A7E7



E2957F



65B894

Complementary

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



90A7E7



E7D090

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.



8DB378



90A7E7



CFA06B

Square

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



90A7E7



E8909C



B1AB69



3CBAB5

Rectangle

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



90A7E7



D395C7



B1AB69



73B789

Sweetspot

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



90A7E7



E3EAFF



90E7D0



6F7380



000000



808080

Same Dimension

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



90A7E7



8CABFF



A490E7



676A73



002FB3



000D33

Inverse Universe

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



E790A7



FF8CAB



D3E790



73676A



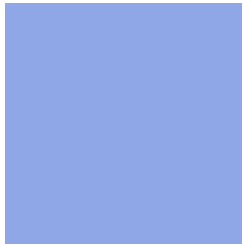
B3002F



33000D

Previews

White Background



This preview shows how the Hex color 90A7E7 looks on a white background.

Color Contrast Check

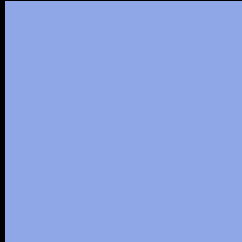
Large Text (above 18pt) WCAG AA × Fail

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 90A7E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

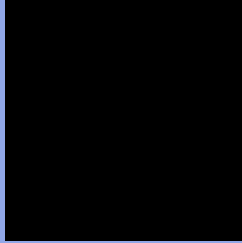
Any Text WCAG AA ✓ Pass

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 90A7E7 Background



This preview shows how black text looks on a background with the Hex color 90A7E7.



This preview shows how white text looks on a background with the Hex color 90A7E7.

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
90A7E7

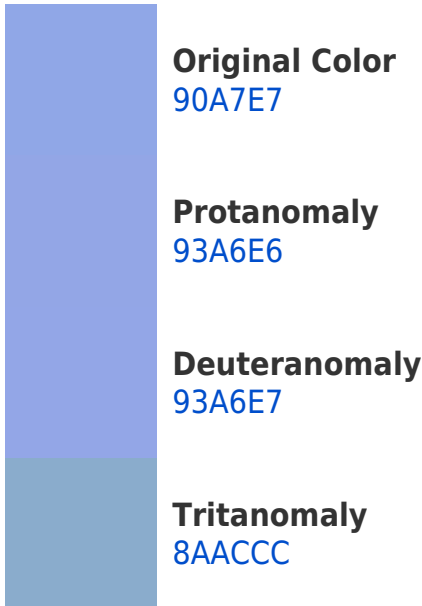
Protanopia
95A6E6

Deuteranopia
94A6E7

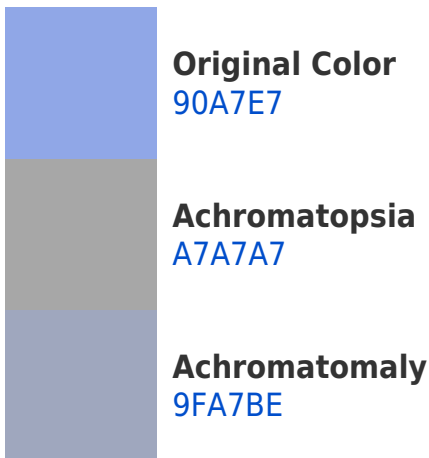


Tritanopia
86AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90A7E7 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 #90A7E7 looks like.

```
.text, #text, p{  
    color:#90A7E7  
}
```

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 #90A7E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A7E7
}
```

Border

The CSS property to change the border of an element to Hex 90A7E7 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
#90A7E7 }
```

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

```
.border{ border-color:#90A7E7 }
```

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

Here you see how a box with a 4 pixel #90A7E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A7E7; -webkit-box-shadow:4px 4px  
4px 4px #90A7E7; box-shadow:4px 4px 4px  
4px #90A7E7 }
```

Background

The CSS property to change the background color of an element to Hex 90A7E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A7E7 }
```

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

```
.background{ background-color:#90A7E7 }
```

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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