

Converting Colors

Hex(95B9EC)

Have a look what the booklet for
Hex(95B9EC) contains.

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Color

Hex(95B9EC)

Conversions

Conversions Part 1

Format	Color
Hex	95B9EC
RGB	149, 185, 236
RGB Percent	58%, 73%, 93%
CMY	0.4157, 0.2745, 0.0745
CMYK	0.37, 0.22, 0.00, 0.07
HSL	215°, 70%, 75%
HSV	215°, 37%, 93%
XYZ	44.8837, 47.1436, 86.0909
YIQ	180.0500, -37.8270, 8.2290

Conversions

Conversions Part 2

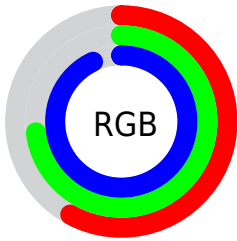
Format	Color
R _Y B	149, 174, 236
Decimal	9812460
CIE Lab	74.28, 0.22, -29.28
CIE LCh	74, 29.282, 270.425
Yxy	47.1436, 0.2520, 0.2647
Android (android.graphics.Color)	4288002540 (0xFF95B9EC)
YUV	180.0500, 27.5834, -27.2308
Hunter-Lab	68.6612, -3.4720, -26.2779

Details

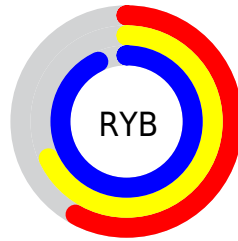
The Hex color **95B9EC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECC895**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CDF1FF**, and **5F84B4** is the 20% darker color. If you saturate the color by 10%, you get **7DABEC**, and if you desaturate by 10%, it is **ADC7EC**.

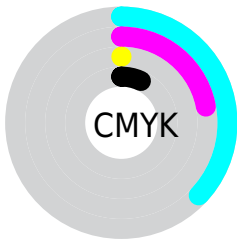
Distribution



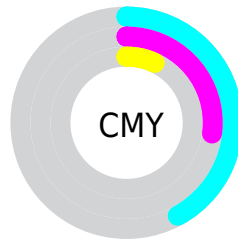
- Red (58%)
- Green (73%)
- Blue (93%)



- Red (58%)
- Yellow (68%)
- Blue (93%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95B9EC 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 95B9EC by changing the saturation by 10% instead.

 95B9EC

 95B9EC

FFFFFF

 7A9ED0

 CDF1FF

 5F84B4

 EAFFFF

 446B99

 27537F

 003C66

 00274D

 001236

 000221

 000005

 95B9EC

 95B9EC

 7DABEC

 ADC7EC

 669DEC

 C4D5EC

 4E8FEC

 DCE3EC

 3782EC

 F3F0EC

 1F74EC

 FFFEEC

 0766EC

 FFFFEC

 0062EC

Harmonies

Analogous

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



72C1E5



95B9EC



BBB0E5

Triad

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



95B9EC



ECA59D



8EC39B

Complementary

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



95B9EC



ECC895

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.



ADBD88



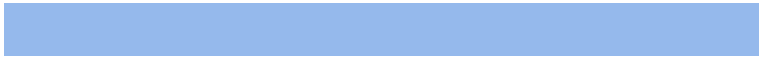
95B9EC



E0AC89

Square

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



95B9EC



EAA3B7



CAB581



71C6B6

Rectangle

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



95B9EC



D1AAD9



CAB581



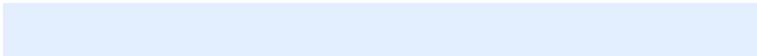
98C194

Sweetspot

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



95B9EC



E3EFFF



95ECC8



6F7680



000000



808080

Same Dimension

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



95B9EC



8FBDFE



9C95EC



6A6E75



004BB5



001636

Inverse Universe

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



EC95B9



FF8FBD



E5EC95



756A6E



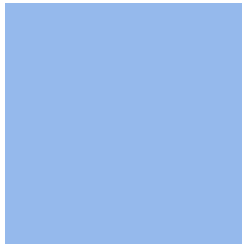
B5004B



360016

Previews

White Background



This preview shows how the Hex color 95B9EC looks on a white background.

Color Contrast Check

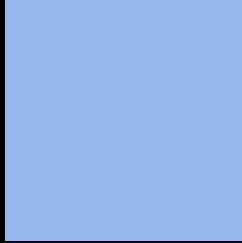
Large Text (above 18pt) WCAG AA × Fail

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 95B9EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

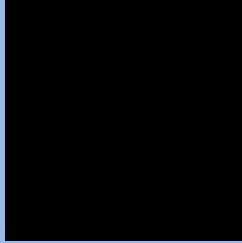
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

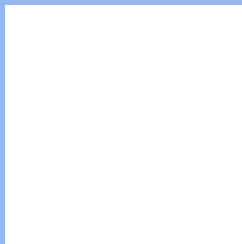
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 95B9EC Background



This preview shows how black text looks on a background with the Hex color 95B9EC.

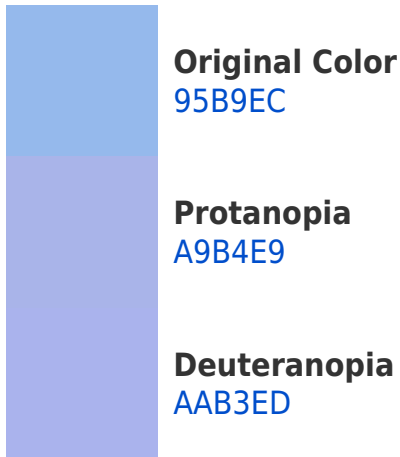


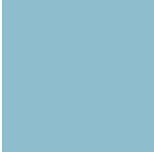
This preview shows how white text looks on a background with the Hex color 95B9EC.

Color Blindness Simulation

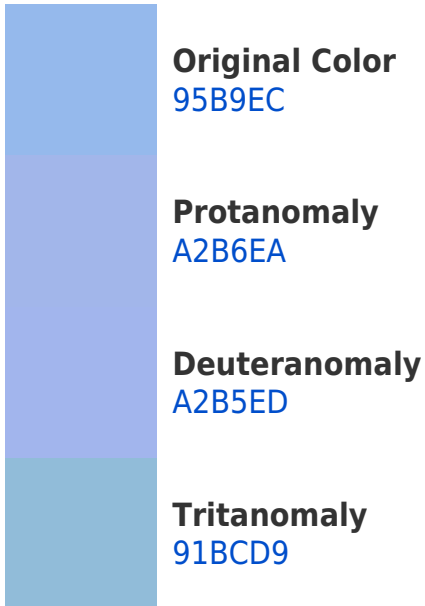
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95B9EC 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 #95B9EC looks like.

```
.text, #text, p{  
    color:#95B9EC  
}
```

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 #95B9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95B9EC  
}
```

Border

The CSS property to change the border of an element to Hex 95B9EC 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  
#95B9EC }
```

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

```
.border{ border-color:#95B9EC }
```

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

Here you see how a box with a 4 pixel #95B9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95B9EC; -webkit-box-shadow:4px 4px  
4px 4px #95B9EC; box-shadow:4px 4px 4px  
4px #95B9EC }
```

Background

The CSS property to change the background color of an element to Hex 95B9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95B9EC }
```

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

```
.background{ background-color:#95B9EC }
```

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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