

Converting Colors

Hex(93CBE8)

Have a look what the booklet for
Hex(93CBE8) contains.

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Color

Hex(93CBE8)

Conversions

Conversions Part 1

Format	Color
Hex	93CBE8
RGB	147, 203, 232
RGB Percent	58%, 80%, 91%
CMY	0.4235, 0.2039, 0.0902
CMYK	0.37, 0.13, 0.00, 0.09
HSL	200°, 65%, 74%
HSV	200°, 37%, 91%
XYZ	47.9540, 54.7411, 84.3826
YIQ	189.5620, -42.6850, -2.8530

Conversions

Conversions Part 2

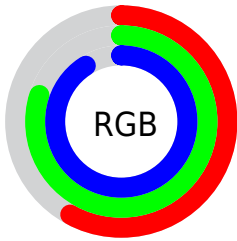
Format	Color
RYB	147, 181, 232
Decimal	9685992
CIELab	78.89, -10.97, -20.10
CIELCh	79, 22.900, 241.373
Yxy	54.7411, 0.2563, 0.2926
Android (android.graphics.Color)	4287876072 (0xFF93CBE8)
YUV	189.5620, 20.9219, -37.3269
Hunter-Lab	73.9872, -13.7848, -15.8293

Details

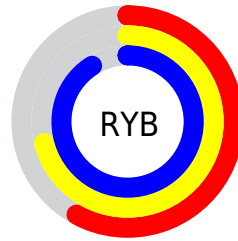
The Hex color **93CBE8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E8B093**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CBFFFF**, and **5C95B0** is the 20% darker color. If you saturate the color by 10%, you get **7CC3E8**, and if you desaturate by 10%, it is **AAD3E8**.

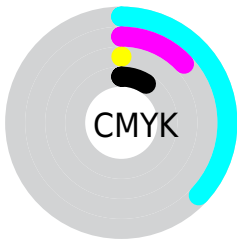
Distribution



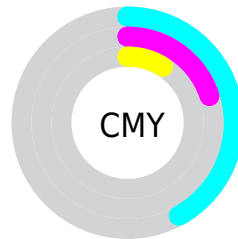
- Red (58%)
- Green (80%)
- Blue (91%)



- Red (58%)
- Yellow (71%)
- Blue (91%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93CBE8 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 93CBE8 by changing the saturation by 10% instead.

 93CBE8

 93CBE8

FFFFFF

 78B0CC

 CBFFFF

 5C95B0

 E8FFFF

 417B96

 24627C

 004A63

 00344B

 001F34

 00021F

 000002

 93CBE8

 93CBE8

 7CC3E8

 AAD3E8

 65BBE8

 C1DBE8

 4DB3E8

 D9E3E8

 36ABE8

 F0EBE8

 1FA3E8

 FFF3E8

 089CE8

 FFFAE8

 0099E8

 FFFF8E8

Harmonies

Analogous

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



88CFD9



93CBE8



ACC5ED

Triad

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



93CBE8



EDB4C3



BBC99F

Complementary

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



93CBE8



E8B093

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.



D3C299



93CBE8



EFB6AE

Square

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



93CBE8



E0B7D8



E5BB9F



A3CDAE

Rectangle

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



93CBE8



BFC0EB



E5BB9F



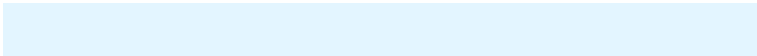
C3C79B

Sweetspot

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



93CBE8



E3F5FF



93E8AF



6F7A80



000000



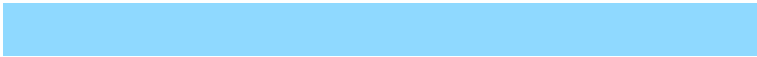
808080

Same Dimension

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



93CBE8



8FD9FF



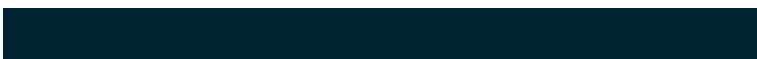
93A1E8



676F73



0076B3



002233

Inverse Universe

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



E893CB



FF8FD9



E8DA93



73676F



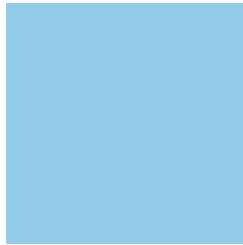
B30076



330022

Previews

White Background



This preview shows how the Hex color 93CBE8 looks on a white background.

Color Contrast Check

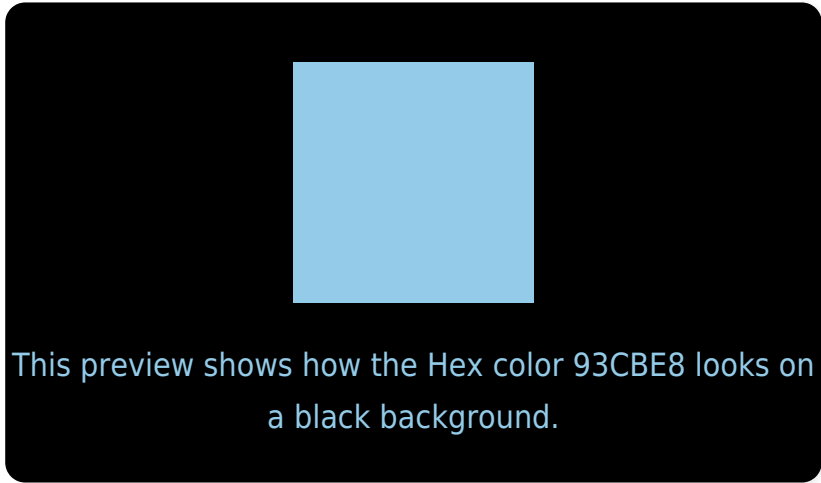
Large Text (above 18pt) WCAG AA × Fail

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

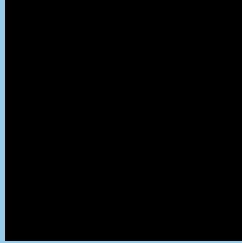
Any Text WCAG AA ✓ Pass

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 93CBE8 Background



This preview shows how black text looks on a background with the Hex color 93CBE8.

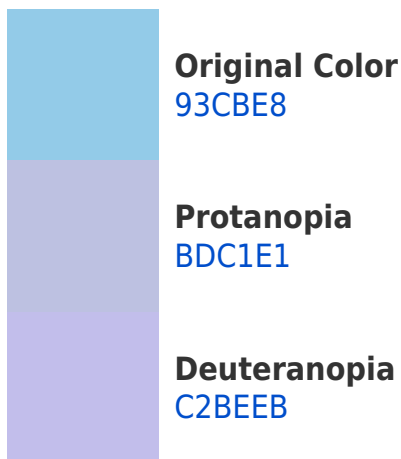


This preview shows how white text looks on a background with the Hex color 93CBE8.

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](#).

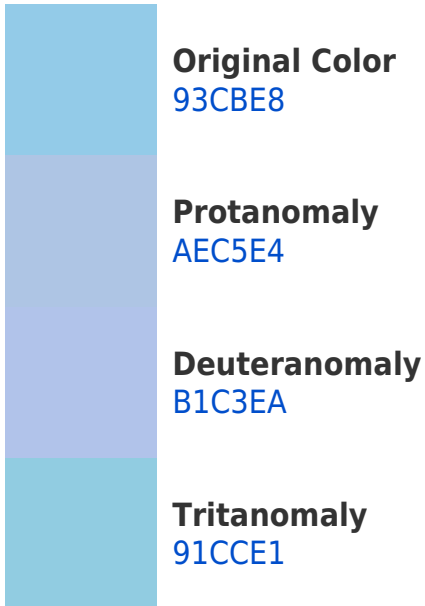
Dichromacy





Tritanopia
90CDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93CBE8 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 #93CBE8 looks like.

```
.text, #text, p{  
    color:#93CBE8  
}
```

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 #93CBE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93CBE8
}
```

Border

The CSS property to change the border of an element to Hex 93CBE8 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
#93CBE8 }
```

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

```
.border{ border-color:#93CBE8 }
```

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

Here you see how a box with a 4 pixel #93CBE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93CBE8; -webkit-box-shadow:4px 4px  
4px 4px #93CBE8; box-shadow:4px 4px 4px  
4px #93CBE8 }
```

Background

The CSS property to change the background color of an element to Hex 93CBE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93CBE8 }
```

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

```
.background{ background-color:#93CBE8 }
```

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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