

Converting Colors

Hex(95BDD8)

Have a look what the booklet for
Hex(95BDD8) contains.

Hex(95BDD8)	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(95BDD8)

Conversions

Conversions Part 1

Format	Color
Hex	95BDD8
RGB	149, 189, 216
RGB Percent	58%, 74%, 85%
CMY	0.4157, 0.2588, 0.1529
CMYK	0.31, 0.12, 0.00, 0.15
HSL	204°, 46%, 72%
HSV	204°, 31%, 85%
XYZ	42.9867, 47.7426, 71.9154
YIQ	180.1180, -32.5070, -0.0830

Conversions

Conversions Part 2

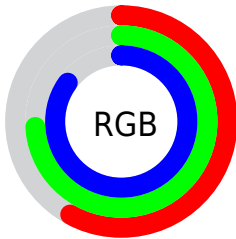
Format	Color
R _Y B	149, 174, 216
Decimal	9813464
CIE Lab	74.66, -6.99, -17.86
CIE LCh	75, 19.179, 248.630
Yxy	47.7426, 0.2643, 0.2935
Android (android.graphics.Color)	4288003544 (0xFF95BDD8)
YUV	180.1180, 17.6898, -27.2905
Hunter-Lab	69.0960, -9.8679, -13.3420

Details

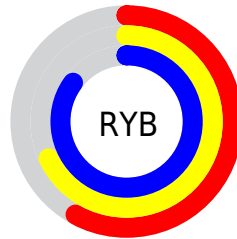
The Hex color **95BDD8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D8B095**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CDF5FF**, and **6088A1** is the 20% darker color. If you saturate the color by 10%, you get **7FB4D8**, and if you desaturate by 10%, it is **ABC6D8**.

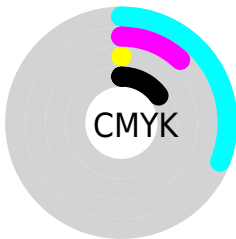
Distribution



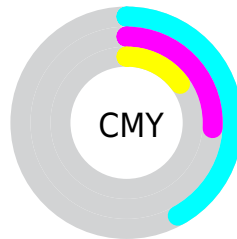
- Red (58%)
- Green (74%)
- Blue (85%)



- Red (58%)
- Yellow (68%)
- Blue (85%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95BDD8 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 95BDD8 by changing the saturation by 10% instead.

■ 95BDD8

■ 95BDD8

FFFFFF

■ 7AA2BC

■ CDF5FF

■ 6088A1

■ E9FFFF

■ 466E87

■ 2C566E

■ 103F55

■ 00293E

■ 001528

■ 000113

■ 000000

 95BDD8

 95BDD8

 7FB4D8

 ABC6D8

 6AACD8

 C0CED8

 54A3D8

 D6D7D8

 3F9AD8

 EBE0D8

 2991D8

 FFE9D8

 1389D8

 FFF1D8

 0081D8

 FFFAD8

 FFFF88

Harmonies

Analogous

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



89C1CD



95BDD8



AAB8DA

Triad

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



95BDD8



DCABB3



ACBD9C

Complementary

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



95BDD8



D8B095

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.



C0B895



95BDD8



DBADA2

Square

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



95BDD8



D3ADC5



D1B297



99C1AA

Rectangle

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



95BDD8



BAB3D7



D1B297



B3BC99

Sweetspot

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



95BDD8



E8F6FF



95D8B0



717A80



000000



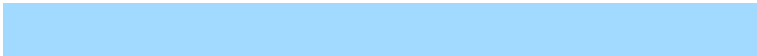
808080

Same Dimension

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



95BDD8



A1D9FF



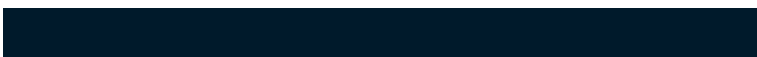
959CD8



60676B



0066AB



001A2B

Inverse Universe

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



D895BD



FFA1D9



D8D195



6B6067



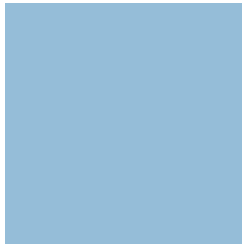
AB0066



2B001A

Previews

White Background



This preview shows how the Hex color 95BDD8 looks on a white background.

Color Contrast Check

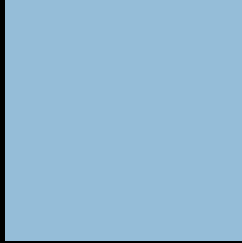
Large Text (above 18pt) WCAG AA × Fail

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 95BDD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

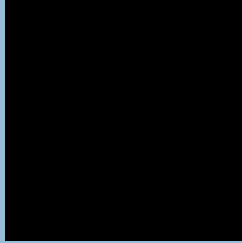
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

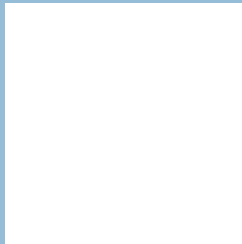
Any Text WCAG AAA ✓ Pass

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

Hex 95BDD8 Background



This preview shows how black text looks on a background with the Hex color 95BDD8.

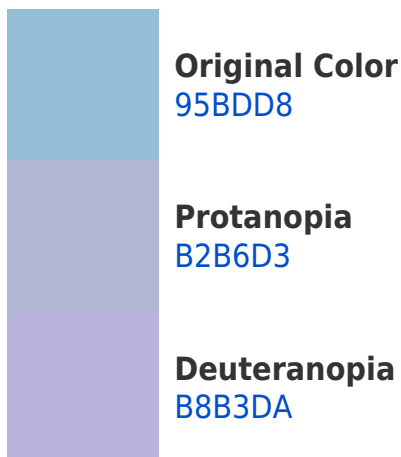


This preview shows how white text looks on a background with the Hex color 95BDD8.

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](#).

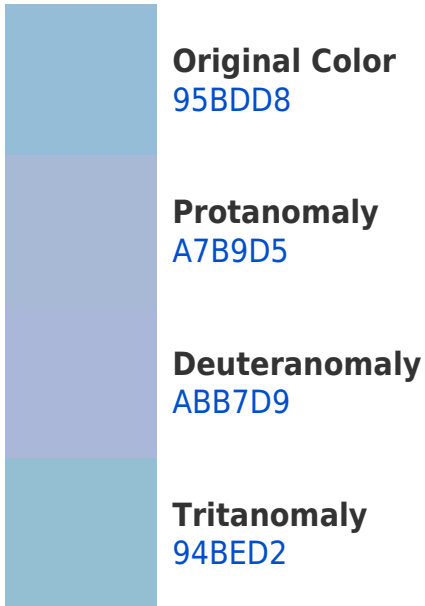
Dichromacy



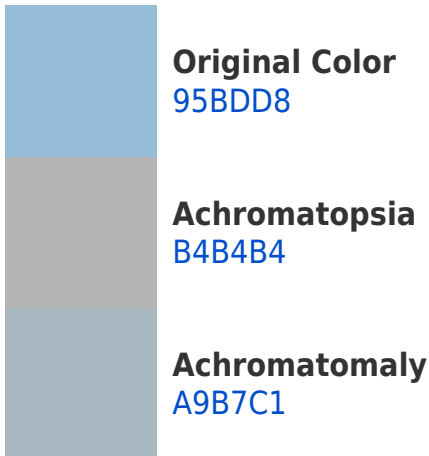


Tritanopia
93BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95BDD8 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 #95BDD8 looks like.

```
.text, #text, p{  
    color:#95BDD8  
}
```

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 #95BDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95BDD8
}
```

Border

The CSS property to change the border of an element to Hex 95BDD8 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
#95BDD8 }
```

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

```
.border{ border-color:#95BDD8 }
```

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

Here you see how a box with a 4 pixel #95BDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95BDD8; -webkit-box-shadow:4px 4px  
4px 4px #95BDD8; box-shadow:4px 4px 4px  
4px #95BDD8 }
```

Background

The CSS property to change the background color of an element to Hex 95BDD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95BDD8 }
```

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

```
.background{ background-color:#95BDD8 }
```

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