

# Converting Colors

Hex(95BBD8)

Have a look what the booklet for  
Hex(95BBD8) contains.

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# **Color**

**Hex(95BBD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95BBD8
RGB	149, 187, 216
RGB Percent	58%, 73%, 85%
CMY	0.4157, 0.2667, 0.1529
CMYK	0.31, 0.13, 0.00, 0.15
HSL	206°, 46%, 72%
HSV	206°, 31%, 85%
XYZ	42.5594, 46.8881, 71.7729
YIQ	178.9440, -31.9570, 0.9630

# Conversions

## Conversions Part 2

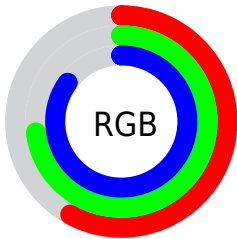
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 173, 216
Decimal	9812952
CIELab	74.12, -5.92, -18.68
CIELCh	74, 19.598, 252.422
Yxy	46.8881, 0.2640, 0.2908
Android (android.graphics.Color)	4288003032 (0xFF95BBD8)
YUV	178.9440, 18.2686, -26.2609
Hunter-Lab	68.4749, -8.8873, -14.2133

# Details

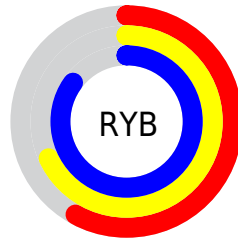
The Hex color **95BBD8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D8B295**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CCF3FF**, and **6086A1** is the 20% darker color. If you saturate the color by 10%, you get **7FB2D8**, and if you desaturate by 10%, it is **ABC4D8**.

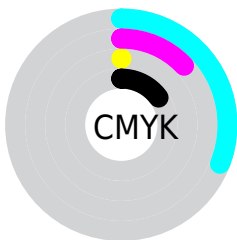
# Distribution



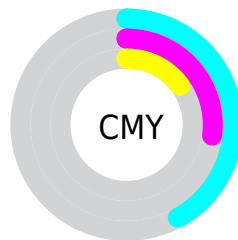
- Red (58%)
- Green (73%)
- Blue (85%)



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



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (27%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95BBD8 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 95BBD8 by changing the saturation by 10% instead.



■ 95BBD8

■ 95BBD8

FFFFFF

■ 7AA0BC

■ CCF3FF

■ 6086A1

■ E9FFFF

■ 466D87

■ 2D546E

■ 103D55

■ 00283E

■ 001328

■ 000113

■ 000000

 95BBD8

 95BBD8

 7FB2D8

 ABC4D8

 6AA8D8

 C0CED8

 549FD8

 D6D7D8

 3F96D8

 EBE0D8

 298CD8

 FFEAD8

 1383D8

 FFF3D8

 007BD8

 FFFCD8

 FFFF88

# Harmonies

## Analogous

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



87BFCE



95BBD8



ACB5D9

# Triad

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



95BBD8



DCAAFF



A8BD9B

# Complementary

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



95BBD8



D8B295

# 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.



BCB793



95BBD8



D9AC9F

# Square

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



95BBD8



D4ABC2



CEB194



95C0AB

# Rectangle

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



95BBD8



BBB1D5



CEB194



AFBB98



# Sweetspot

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



95BBD8



E8F5FF



95D8B1



717980



000000



808080

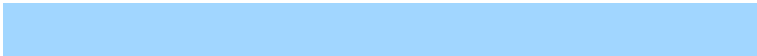


# Same Dimension

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



95BBD8



A1D6FF



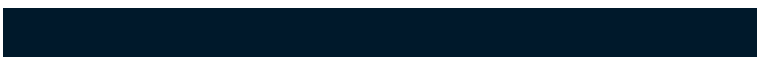
959BD8



60666B



0061AB



00192B



# Inverse Universe

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



D895BB



FFA1D6



D8D295



6B6066



AB0061

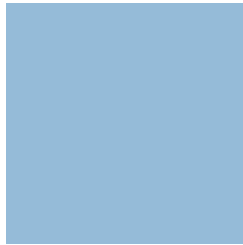


2B0019



# Previews

## White Background



This preview shows how the Hex color 95BBD8 looks on a white background.

## Color Contrast Check

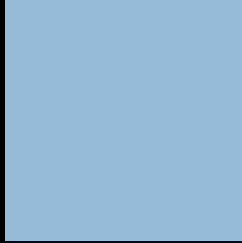
Large Text (above 18pt) WCAG AA × Fail

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 95BBD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

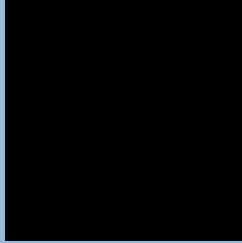
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

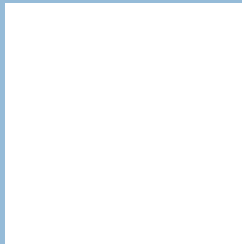
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95BBD8 Background



This preview shows how black text looks on a background with the Hex color 95BBD8.

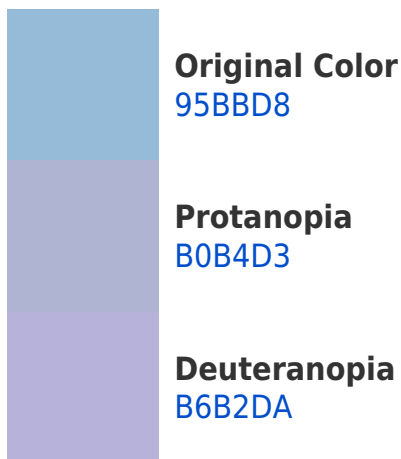


This preview shows how white text looks on a background with the Hex color 95BBD8.

# Color Blindness Simulation

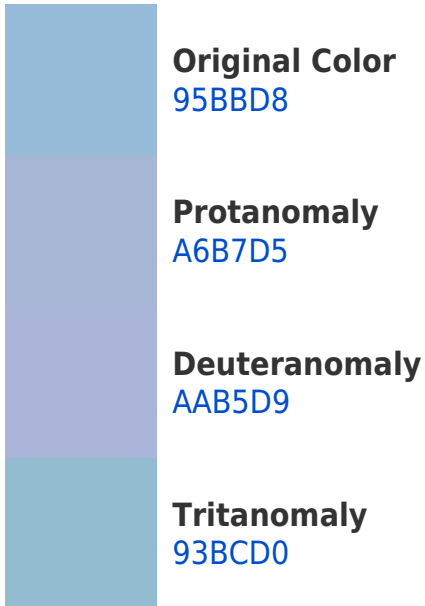
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

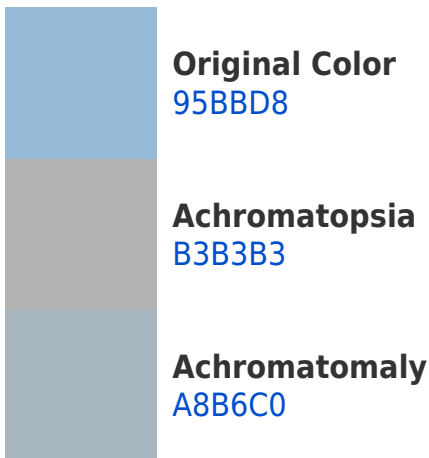




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95BBD8 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 #95BBD8 looks like.

```
.text, #text, p{  
    color:#95BBD8  
}
```

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 #95BBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95BBD8
}
```

## Border

The CSS property to change the border of an element to Hex 95BBD8 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
#95BBD8 }
```

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

```
.border{ border-color:#95BBD8 }
```

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

Here you see how a box with a 4 pixel #95BBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95BBD8; -webkit-box-shadow:4px 4px  
4px 4px #95BBD8; box-shadow:4px 4px 4px  
4px #95BBD8 }
```

# Background

The CSS property to change the background color of an element to Hex 95BBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95BBD8 }
```

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

```
.background{ background-color:#95BBD8 }
```

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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