

Converting Colors

Hex(95B0D8)

Have a look what the booklet for
Hex(95B0D8) contains.

Hex(95B0D8)	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(95B0D8)

Conversions

Conversions Part 1

Format	Color
Hex	95B0D8
RGB	149, 176, 216
RGB Percent	58%, 69%, 85%
CMY	0.4157, 0.3098, 0.1529
CMYK	0.31, 0.19, 0.00, 0.15
HSL	216°, 46%, 72%
HSV	216°, 31%, 85%
XYZ	40.3144, 42.3981, 71.0246
YIQ	172.4870, -28.9320, 6.7160

Conversions

Conversions Part 2

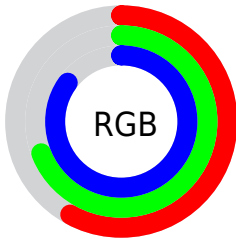
Format	Color
RYB	149, 168, 216
Decimal	9810136
CIELab	71.14, 0.05, -23.20
CIELCh	71, 23.203, 270.125
Yxy	42.3981, 0.2622, 0.2758
Android (android.graphics.Color)	4288000216 (0xFF95B0D8)
YUV	172.4870, 21.4519, -20.5981
Hunter-Lab	65.1138, -3.4331, -19.0924

Details

The Hex color **95B0D8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D8BD95**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CCE7FF**, and **607CA1** is the 20% darker color. If you saturate the color by 10%, you get **7FA3D8**, and if you desaturate by 10%, it is **ABBDD8**.

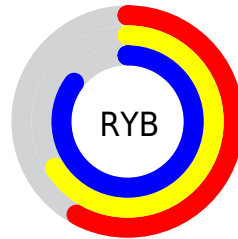
Distribution



Red (58%)

Green (69%)

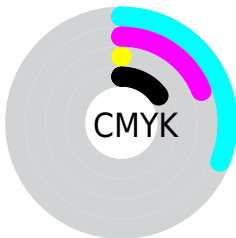
Blue (85%)



Red (58%)

Yellow (66%)

Blue (85%)

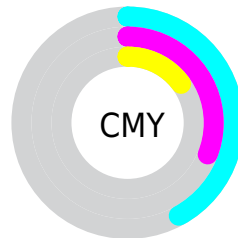


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (42%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95B0D8 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 95B0D8 by changing the saturation by 10% instead.

■ 95B0D8

■ 95B0D8

FFFFFF

■ 7A95BC

■ CCE7FF

■ 607CA1

■ E9FFFF

■ 476387

■ 2D4B6D

■ 113555

■ 00203E

■ 000728

■ 000112

■ 000000

 95B0D8

 95B0D8

 7FA3D8

 ABBDD8

 6A96D8

 C0CAD8

 5489D8

 D6D7D8

 3F7CD8

 EBE4D8

 2970D8

 FFF0D8

 1363D8

 FFFDD8

 0057D8

 FFFF80

Harmonies

Analogous

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



7CB6D2



95B0D8



B2A9D3

Triad

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



95B0D8



D9A09A



8FB899

Complementary

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



95B0D8



D8BD95

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.



A7B389



95B0D8



D0A68A

Square

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



95B0D8



D79FAF



BEAD84



7BBAAD

Rectangle

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



95B0D8



C3A4C9



BEAD84



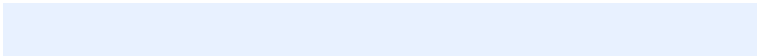
97B793

Sweetspot

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



95B0D8



E8F1FF



95D8BC



717780



000000



808080

Same Dimension

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



95B0D8



A1C7FF



9B95D8



60656B



0045AB



00112B

Inverse Universe

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



D895B0



FFA1C7



D2D895



6B6065



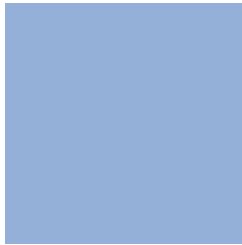
AB0045



2B0011

Previews

White Background



This preview shows how the Hex color 95B0D8 looks on a white background.

Color Contrast Check

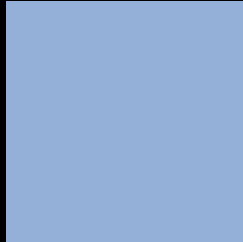
Large Text (above 18pt) WCAG AA × Fail

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 95B0D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

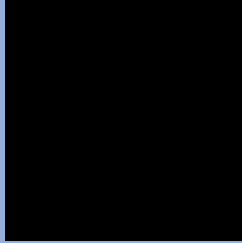
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

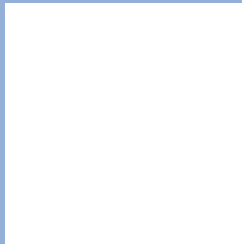
Any Text WCAG AAA ✓ Pass

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

Hex 95B0D8 Background



This preview shows how black text looks on a background with the Hex color 95B0D8.

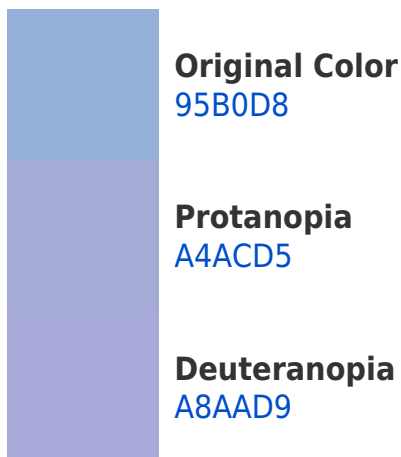


This preview shows how white text looks on a background with the Hex color 95B0D8.

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](#).

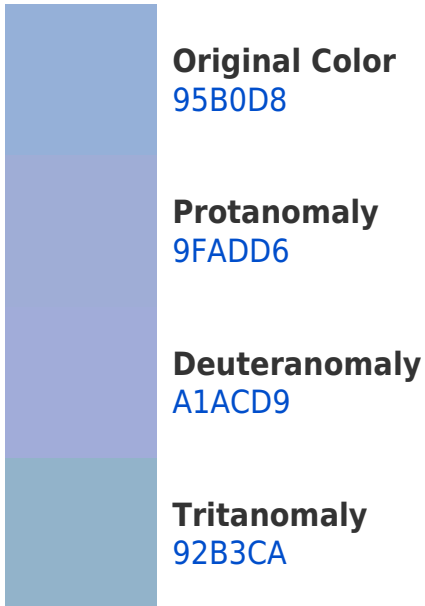
Dichromacy



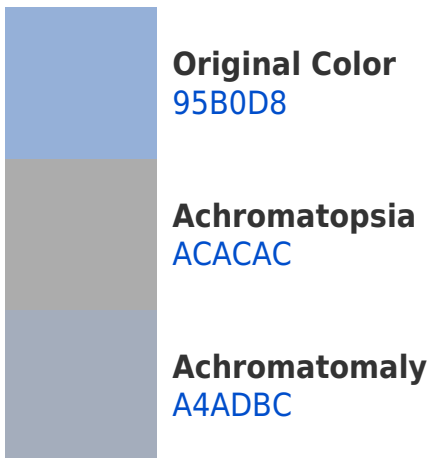


Tritanopia
90B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95B0D8 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 #95B0D8 looks like.

```
.text, #text, p{  
    color:#95B0D8  
}
```

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 #95B0D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95B0D8
}
```

Border

The CSS property to change the border of an element to Hex 95B0D8 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
#95B0D8 }
```

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

```
.border{ border-color:#95B0D8 }
```

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

Here you see how a box with a 4 pixel #95B0D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95B0D8; -webkit-box-shadow:4px 4px  
4px 4px #95B0D8; box-shadow:4px 4px 4px  
4px #95B0D8 }
```

Background

The CSS property to change the background color of an element to Hex 95B0D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95B0D8 }
```

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

```
.background{ background-color:#95B0D8 }
```

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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