

Converting Colors

Hex(95A2D8)

Have a look what the booklet for
Hex(95A2D8) contains.

| | |
|--|----|
| Hex(95A2D8) | 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(95A2D8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 95A2D8 |
| RGB | 149, 162, 216 |
| RGB Percent | 58%, 64%, 85% |
| CMY | 0.4157, 0.3647, 0.1529 |
| CMYK | 0.31, 0.25, 0.00, 0.15 |
| HSL | 228°, 46%, 72% |
| HSV | 228°, 31%, 85% |
| XYZ | 37.7094, 37.1881, 70.1563 |
| YIQ | 164.2690, -25.0820, 14.0380 |

Conversions

Conversions Part 2

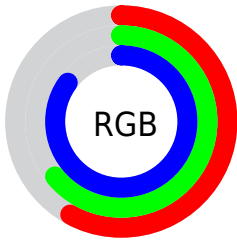
| Format | Color |
|-------------------------------------|---|
| RYB | 149, 160, 216 |
| Decimal | 9806552 |
| CIELab | 67.42, 7.84, -28.92 |
| CIElCh | 67, 29.963, 285.171 |
| Yxy | 37.1881, 0.2600, 0.2564 |
| Android (android.graphics.Color) | 4287996632 (0xFF95A2D8) |
| YUV | 164.2690, 25.5034, -13.3909 |
| Hunter-Lab | 60.9820, 3.6604, -25.5222 |

Details

The Hex color **95A2D8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D8CB95**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CCD9FF**, and **606FA1** is the 20% darker color. If you saturate the color by 10%, you get **7F91D8**, and if you desaturate by 10%, it is **ABB3D8**.

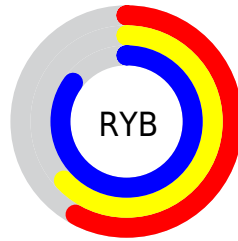
Distribution



Red (58%)

Green (64%)

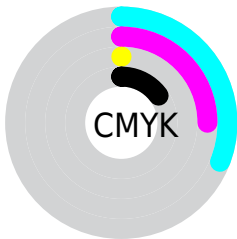
Blue (85%)



Red (58%)

Yellow (63%)

Blue (85%)

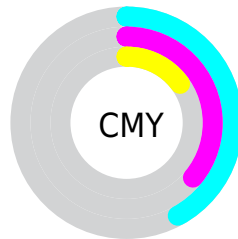


Cyan (31%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (42%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95A2D8 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 95A2D8 by changing the saturation by 10% instead.

■ 95A2D8

■ 95A2D8

FFFFFF

■ 7A88BC

■ CCD9FF

■ 606FA1

■ E9F5FF

■ 475687

■ 2D3F6D

■ 112A55

■ 00163D

■ 000327

■ 000110

■ 000000

 95A2D8

 95A2D8

 7F91D8

 ABB3D8

 6A7FD8

 C0C5D8

 546ED8


 D6D6D8

 3F5CD8

 EBE8D8

 294BD8

 FFF9D8

 133AD8

 FFFF8D

 002AD8

Harmonies

Analogous

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



6DABD8



95A2D8



B998CA

Triad

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



95A2D8



D5957F



6BB295

Complementary

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



95A2D8



D8CB95

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.



8BAE7D



95A2D8



C39E70

Square

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



95A2D8



DA9097



A9A770



51B3B1

Rectangle

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



95A2D8



CB93BB



A9A770



76B18D

Sweetspot

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



95A2D8



E8EDFF



95D8CB



717480



000000



808080

Same Dimension

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



95A2D8



A1B3FF



A995D8



60626B



0021AB



00082B

Inverse Universe

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



D895A2



FFA1B3



C4D895



6B6062



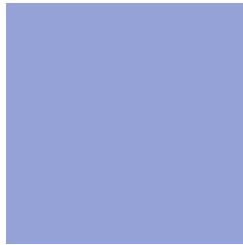
AB0021



2B0008

Previews

White Background



This preview shows how the Hex color 95A2D8 looks on a white background.

Color Contrast Check

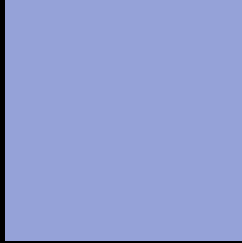
Large Text (above 18pt) WCAG AA × Fail

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 95A2D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

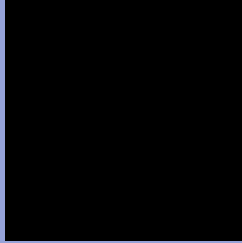
Any Text WCAG AA ✓ Pass

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 95A2D8 Background



This preview shows how black text looks on a background with the Hex color 95A2D8.



This preview shows how white text looks on a background with the Hex color 95A2D8.

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](#).

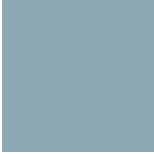
Dichromacy



Original Color
95A2D8

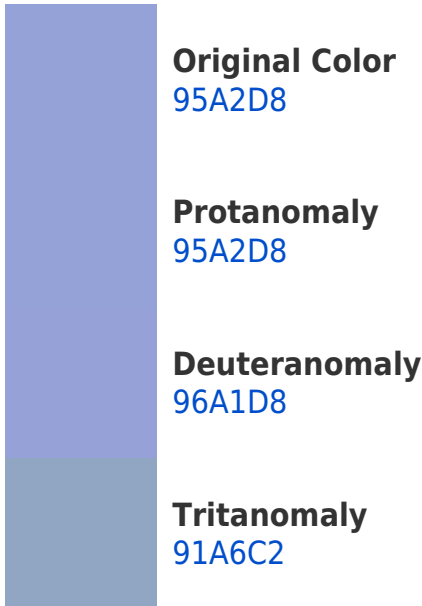
Protanopia
95A2D8

Deuteranopia
97A1D8

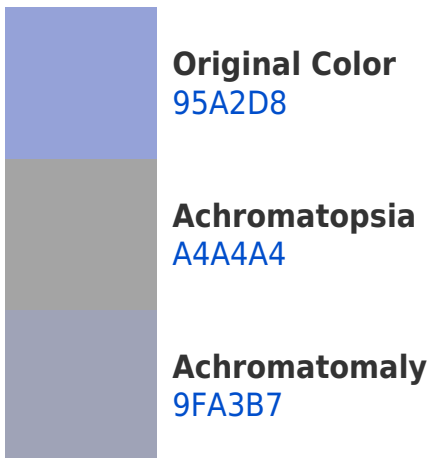


Tritanopia
8EA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95A2D8 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 #95A2D8 looks like.

```
.text, #text, p{  
    color:#95A2D8  
}
```

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 #95A2D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95A2D8
}
```

Border

The CSS property to change the border of an element to Hex 95A2D8 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
#95A2D8 }
```

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

```
.border{ border-color:#95A2D8 }
```

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

Here you see how a box with a 4 pixel #95A2D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95A2D8; -webkit-box-shadow:4px 4px  
4px 4px #95A2D8; box-shadow:4px 4px 4px  
4px #95A2D8 }
```

Background

The CSS property to change the background color of an element to Hex 95A2D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95A2D8 }
```

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

```
.background{ background-color:#95A2D8 }
```

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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