

Converting Colors

Hex(95ABD2)

Have a look what the booklet for
Hex(95ABD2) contains.

Hex(95ABD2)	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(95ABD2)

Conversions

Conversions Part 1

Format	Color
Hex	95ABD2
RGB	149, 171, 210
RGB Percent	58%, 67%, 82%
CMY	0.4157, 0.3294, 0.1765
CMYK	0.29, 0.19, 0.00, 0.18
HSL	218°, 40%, 70%
HSV	218°, 29%, 82%
XYZ	38.5902, 40.1685, 66.6921
YIQ	168.8680, -25.6310, 7.4650

Conversions

Conversions Part 2

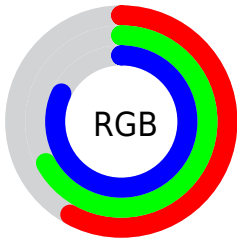
Format	Color
RYB	149, 165, 210
Decimal	9808850
CIELab	69.59, 1.32, -22.28
CIELCh	70, 22.322, 273.390
Yxy	40.1685, 0.2653, 0.2762
Android (android.graphics.Color)	4287998930 (0xFF95ABD2)
YUV	168.8680, 20.2781, -17.4242
Hunter-Lab	63.3786, -2.2270, -18.0247

Details

The Hex color **95ABD2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D2BC95**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **CCE2FF**, and **61779B** is the 20% darker color. If you saturate the color by 10%, you get **809ED2**, and if you desaturate by 10%, it is **AAB8D2**.

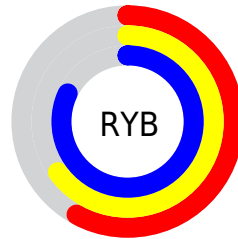
Distribution



Red (58%)

Green (67%)

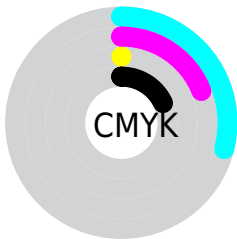
Blue (82%)



Red (58%)

Yellow (65%)

Blue (82%)

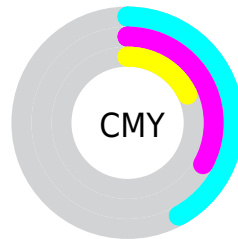


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95ABD2 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 95ABD2 by changing the saturation by 10% instead.

■ 95ABD2

■ 95ABD2

FFFFFF

■ 7A91B6

■ CCE2FF

■ 61779B

■ E9FFFF

■ 475E81

■ 2E4768

■ 143150

■ 001C39

■ 000223

■ 00000B

■ 000000

 95ABD2

 95ABD2

 809ED2

 AAB8D2

 6B90D2

 BFC6D2

 5683D2

 D4D3D2

 4175D2

 E9E1D2

 2C68D2

 FEEED2

 175AD2

 FFFCD2

 024DD2

 FFFF2

 004CD2

Harmonies

Analogous

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



7CB1CE



95ABD2



B0A4CC

Triad

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



95ABD2



D39D95



8AB497

Complementary

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



95ABD2



D2BC95

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.



A1AF88



95ABD2



C9A386

Square

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



95ABD2



D29BA8



B7A982



77B6AC

Rectangle

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



95ABD2



C0A0C2



B7A982



91B391

Sweetspot

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



95ABD2



E8F0FF



95D2BC



717780



000000



808080

Same Dimension

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



95ABD2



A6C6FF



9D95D2



5E6269



003DA8



000F29

Inverse Universe

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



D295AB



FFA6C6



CAD295



695E62



A8003D



29000F

Previews

White Background



This preview shows how the Hex color 95ABD2 looks on a white background.

Color Contrast Check

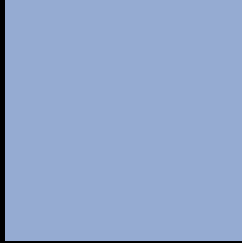
Large Text (above 18pt) WCAG AA × Fail

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 95ABD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

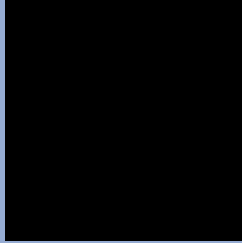
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

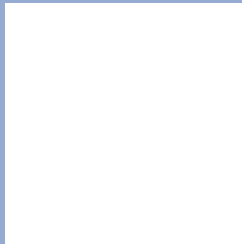
Any Text WCAG AAA ✓ Pass

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

Hex 95ABD2 Background



This preview shows how black text looks on a background with the Hex color 95ABD2.

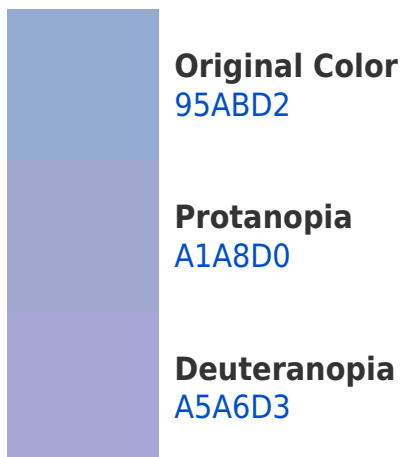


This preview shows how white text looks on a background with the Hex color 95ABD2.

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](#).

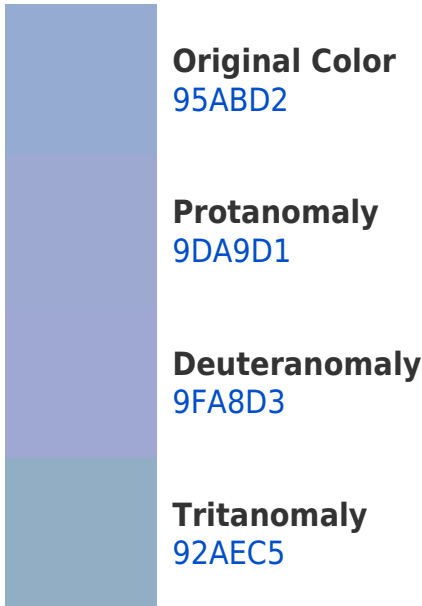
Dichromacy



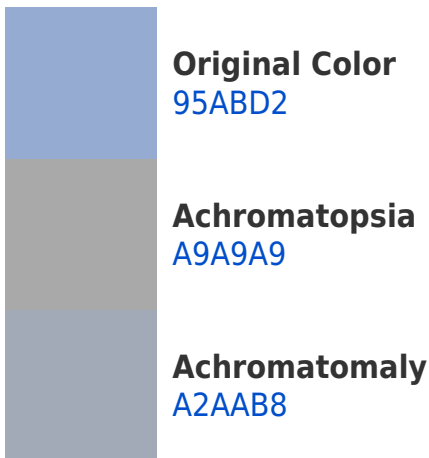


Tritanopia
90AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95ABD2 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 #95ABD2 looks like.

```
.text, #text, p{  
    color:#95ABD2  
}
```

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 #95ABD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95ABD2
}
```

Border

The CSS property to change the border of an element to Hex 95ABD2 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
#95ABD2 }
```

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

```
.border{ border-color:#95ABD2 }
```

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

Here you see how a box with a 4 pixel #95ABD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95ABD2; -webkit-box-shadow:4px 4px  
4px 4px #95ABD2; box-shadow:4px 4px 4px  
4px #95ABD2 }
```

Background

The CSS property to change the background color of an element to Hex 95ABD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95ABD2 }
```

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

```
.background{ background-color:#95ABD2 }
```

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