

Converting Colors

Hex(95ABCD)

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

Hex(95ABCD)	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(95ABCD)

Conversions

Conversions Part 1

Format	Color
Hex	95ABCD
RGB	149, 171, 205
RGB Percent	58%, 67%, 80%
CMY	0.4157, 0.3294, 0.1961
CMYK	0.27, 0.17, 0.00, 0.20
HSL	216°, 36%, 69%
HSV	216°, 27%, 80%
XYZ	37.9768, 39.9232, 63.4620
YIQ	168.2980, -24.0260, 5.9100

Conversions

Conversions Part 2

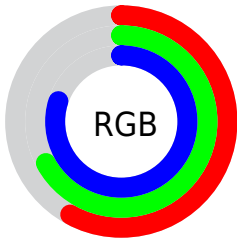
Format	Color
R _{YB}	149, 165, 205
Decimal	9808845
CIE Lab	69.41, 0.10, -19.80
CIE LCh	69, 19.797, 270.290
Yxy	39.9232, 0.2686, 0.2824
Android (android.graphics.Color)	4287998925 (0xFF95ABCD)
YUV	168.2980, 18.0941, -16.9243
Hunter-Lab	63.1848, -3.2871, -15.3208

Details

The Hex color **95ABCD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CDB795**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CCE2FF**, and **617797** is the 20% darker color. If you saturate the color by 10%, you get **819FCD**, and if you desaturate by 10%, it is **AAB7CD**.

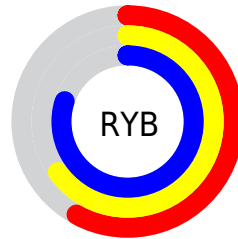
Distribution



Red (58%)

Green (67%)

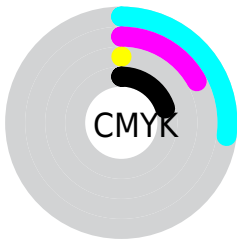
Blue (80%)



Red (58%)

Yellow (65%)

Blue (80%)

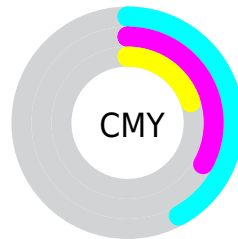


Cyan (27%)

Magenta (17%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

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

■ 95ABCD

■ 95ABCD

FFFFFF

■ 7B91B1

■ CCE2FF

■ 617797

■ E8FFFF

■ 485E7D

■ 2F4764

■ 16304C

■ 001C35

■ 000220

■ 000004

■ 000000

 95ABCD

 95ABCD

 819FCD

 AAB7CD

 6C92CD

 BEC4CD

 5886CD

 D3D0CD

 4379CD

 E7DDCD

 2F6DCD

 FCE9CD

 1A60CD

 FFF6CD

 0654CD

 FFFFCD

 0051CD

Harmonies

Analogous

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



81B0C8



95ABCD



ADA5C8

Triad

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



95ABCD



CE9E98



8FB297

Complementary

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



95ABCD



CDB795

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.



A4AE8A



95ABCD



C6A28B

Square

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



95ABCD



CD9DAA



B7A886



7FB4A9

Rectangle

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



95ABCD



BBA1C1



B7A886



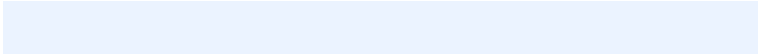
96B192

Sweetspot

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



95ABCD



EBF3FF



95CDB7



737880



000000



808080

Same Dimension

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



95ABCD



ABCCFF



9B95CD



5C6066



0041A6



000F26

Inverse Universe

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



CD95AB



FFABCC



C7CD95



665C60



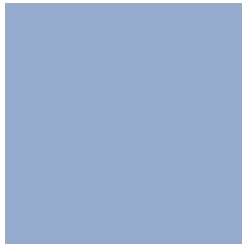
A60041



26000F

Previews

White Background



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

Color Contrast Check

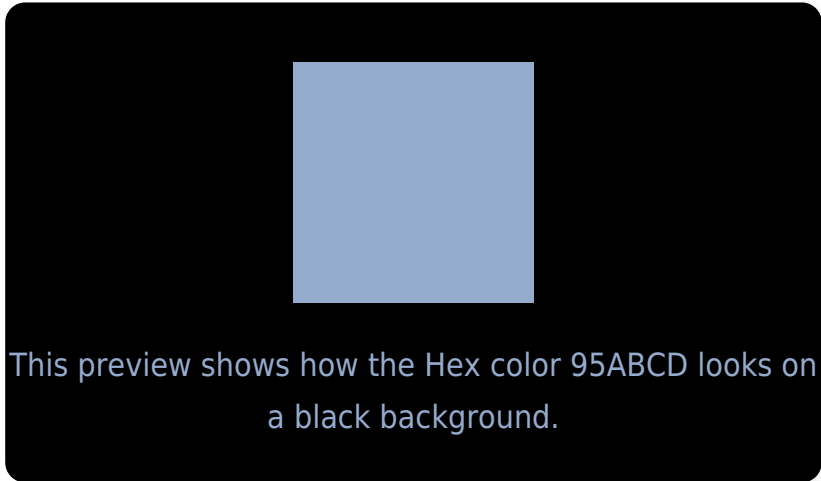
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

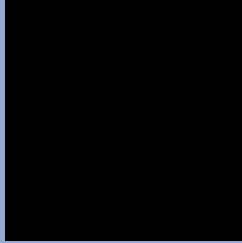
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

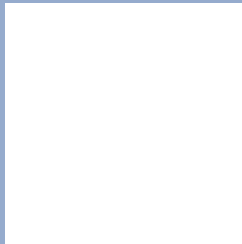
Any Text WCAG AAA ✓ Pass

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

Hex 95ABCD Background



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

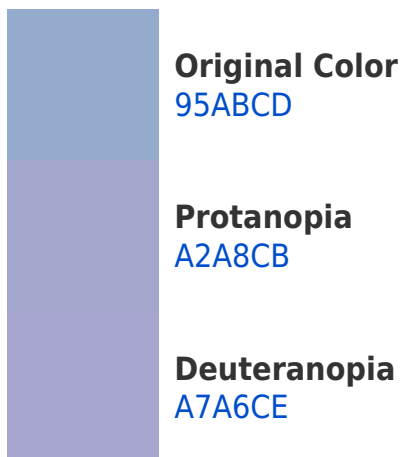


This preview shows how white text looks on a background with the Hex color 95ABCD.

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](#).

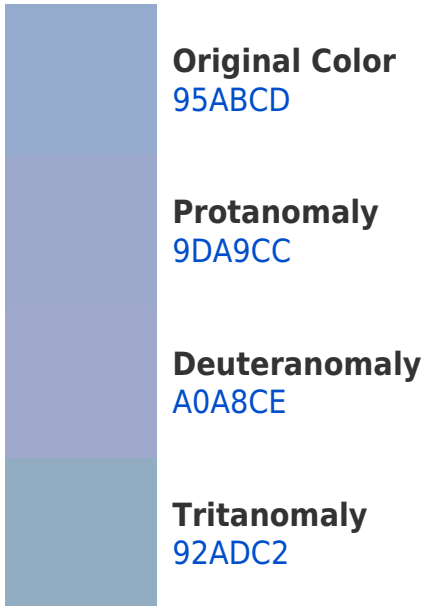
Dichromacy



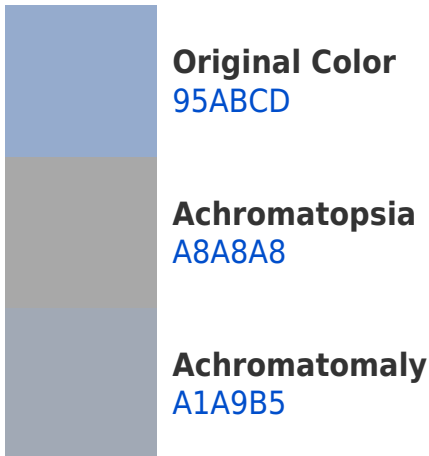


Tritanopia
91AEB3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #95ABCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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