Converting Colors

Hex(95ACC6)

Have a look what the booklet for Hex(95ACC6) contains.

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Color

Hex(95ACC6)

Conversions

Conversions Part 1

Format	Color
Hex	95ACC6
RGB	149, 172, 198
RGB Percent	58%, 67%, 78%
CMY	0.4157, 0.3255, 0.2235
CMYK	0.25, 0.13, 0.00, 0.22
HSL	212°, 30%, 68%
HSV	212°, 25%, 78%
XYZ	37.3400, 39.9718, 59.1734
YIQ	168.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

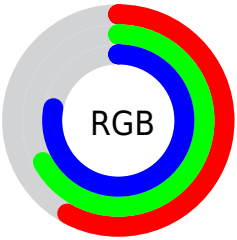
Format	Color
RYB	149, 165, 198
Decimal	9809094
CIELab	69.45, -2.12, -15.89
CIELCh	69, 16.026, 262.401
Yxy	39.9718, 0.2736, 0.2929
Android (android.graphics.Color)	4287999174 (0xFF95ACC6)
YUV	168.0870, 14.7471, -16.7393
Hunter-Lab	63.2233, -5.2177, -11.2358

Details

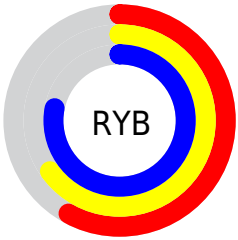
The Hex color 95ACC6 is a light color, and the websafe version is hex 999999. A complement of this color would be C6AF95, and the grayscale version is A8A8A8.

A 20% lighter version of the original color is CCE3FF, and 617890 is the 20% darker color. If you saturate the color by 10%, you get 81A1C6, and if you desaturate by 10%, it is A9B7C6.

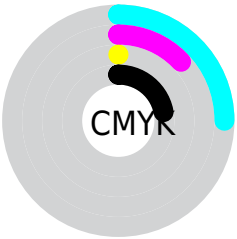
Distribution



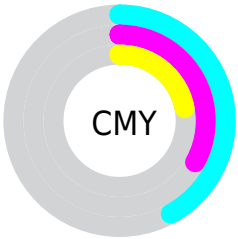
- Red (58%)
- Green (67%)
- Blue (78%)



- Red (58%)
- Yellow (65%)
- Blue (78%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95ACC6 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 95ACC6 by changing the saturation by 10% instead.

95ACC6

FFFFFF

CCE3FF

E8FFFF

95ACC6

7B91AB

617890

485F76

30485E

193146

001C30

00011B

000000

95ACC6

95ACC6

81A1C6	A9B7C6
6D97C6	BDC1C6
5A8CC6	D0CCC6
4682C6	E4D6C6
3277C6	F8E1C6
1E6DC6	FFEBC6
0A62C6	FFF6C6
005DC6	FFFFC6

Harmonies

Analogous

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

87B0C0

95ACC6

A8A7C4

Triad

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

95ACC6

C8A09F

99B098

Complementary

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

95ACC6

C6AF95

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.

A9AC8F

95ACC6

C4A393

Square

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

95ACC6

C5A0AE

B9A78D

8BB2A5

Rectangle

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

95ACC6

B4A4BF

B9A78D

9EAF94

Sweetspot

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

95ACC6

EDF6FF

95C6AE

757A80

000000

808080

Same Dimension

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

95ACC6

B3D6FF

9695C6

5A5E63

004DA3

001124

Inverse Universe

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

C695AC

FFB3D6

C5C695

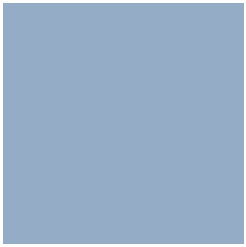
635A5E

A3004D

240011

Previews

White Background

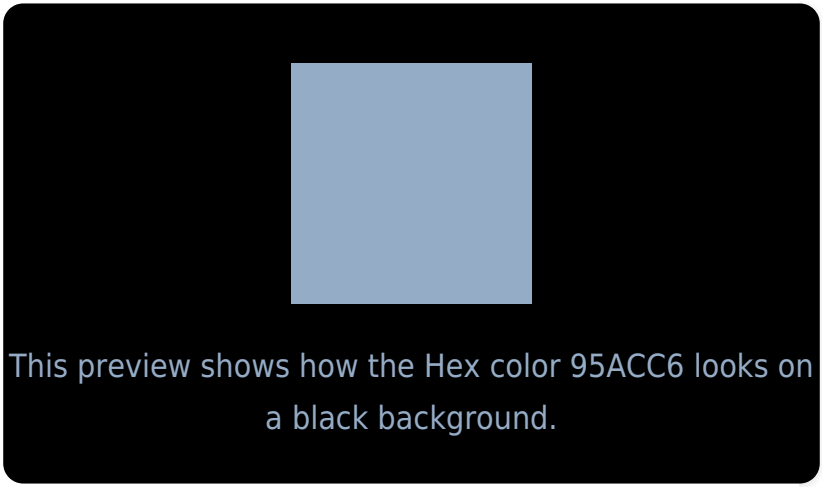


This preview shows how the Hex color 95ACC6 looks on a white background.

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 95ACC6 Background

This preview shows how black text looks on a background with the Hex color 95ACC6.

This preview shows how white text looks on a background with the Hex color 95ACC6.

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
95ACC6

Protanopia
A4A8C3

Deuteranopia
ABA5C7

Tritanopia
93AEBC

Trichromacy

Original Color
95ACC6

Protanomaly
9FA9C4

Deuteranomaly
A3A8C7

Tritanomaly
94ADC0

Monochromacy

Original Color
95ACC6

Achromatopsia
A8A8A8

Achromatomaly
A1A9B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 95ACC6 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 #95ACC6 looks like.

```
.text, #text, p{
    color:#95ACC6
}
```

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 #95ACC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95ACC6 }
```

Border

The CSS property to change the border of an element to Hex 95ACC6 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 #95ACC6 }
```

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

```
.border{ border-color:#95ACC6 }
```

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

Here you see how a box with a 4 pixel #95ACC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #95ACC6; -webkit-box-shadow:4px 4px 4px 4px #95ACC6; box-shadow:4px 4px 4px 4px #95ACC6 }
```

Background

The CSS property to change the background color of an element to Hex 95ACC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#95ACC6 }
```

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

```
.background{ background-color:#95ACC6 }
```

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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