

Converting Colors

Hex(95C973)

Have a look what the booklet for
Hex(95C973) contains.

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Color

Hex(95C973)

Conversions

Conversions Part 1

Format	Color
Hex	95C973
RGB	149, 201, 115
RGB Percent	58%, 79%, 45%
CMY	0.4157, 0.2118, 0.5490
CMYK	0.26, 0.00, 0.43, 0.21
HSL	96°, 44%, 62%
HSV	96°, 43%, 79%
XYZ	36.3756, 49.4007, 23.8377
YIQ	175.6480, -3.3860, -37.7700

Conversions

Conversions Part 2

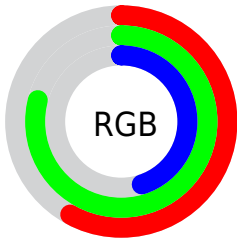
Format	Color
RYB	115, 201, 167
Decimal	9816435
CIELab	75.70, -32.24, 37.56
CIELCh	76, 49.502, 130.640
Yxy	49.4007, 0.3319, 0.4507
Android (android.graphics.Color)	4288006515 (0xFF95C973)
YUV	175.6480, -29.8995, -23.3703
Hunter-Lab	70.2856, -30.6190, 29.0914

Details

The Hex color **95C973** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A773C9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CDFFA8**, and **609341** is the 20% darker color. If you saturate the color by 10%, you get **89C95F**, and if you desaturate by 10%, it is **A1C987**.

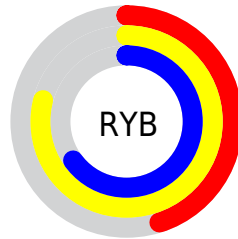
Distribution



Red (58%)

Green (79%)

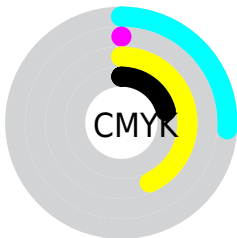
Blue (45%)



Red (45%)

Yellow (79%)

Blue (65%)

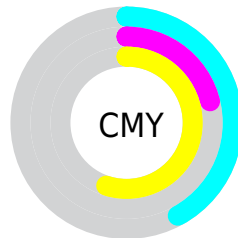


Cyan (26%)

Magenta (0%)

Yellow (43%)

Black (21%)



Cyan (42%)

Magenta (21%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95C973 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 95C973 by changing the saturation by 10% instead.

 95C973

 95C973

FFFFFF

 7AAD5A

 CDFFA8

 609341

 E9FFC4

 467928

 FFFFEO

 2C600F

FFFFFFD

 104700

 003000

 001C00

 000000

 95C973

 95C973

 89C95F

 A1C987

 7DC94B

 ADC99B

 71C937

 B9C9AF

 64C923

 C6C9C3

 58C90F

 D2C9D8

 4FC900

 DEC9EC

 EAC9FF

 F6C9FF

 FFC9FF

Harmonies

Analogous

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



C7BD5E



95C973



55D09B

Triad

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



95C973



00C8FF



FF95AC

Complementary

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



95C973



A773C9

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.



FF99DA



95C973



8EBAFF

Square

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



95C973



00D0F5



D4A8FF



FF9E81

Rectangle

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



95C973



00D2BA



D4A8FF



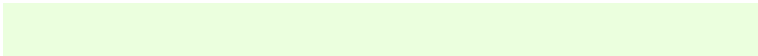
FF95BB

Sweetspot

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



95C973



EBFFDE



C9A773



73806B



000000



808080

Same Dimension

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



95C973



B0FF7D



73C97C



5D635A



41A300



0E2400

Inverse Universe

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



A773C9



CC7DFF



C973C0



605A63



6300A3



160024

Previews

White Background



This preview shows how the Hex color 95C973 looks on a white background.

Color Contrast Check

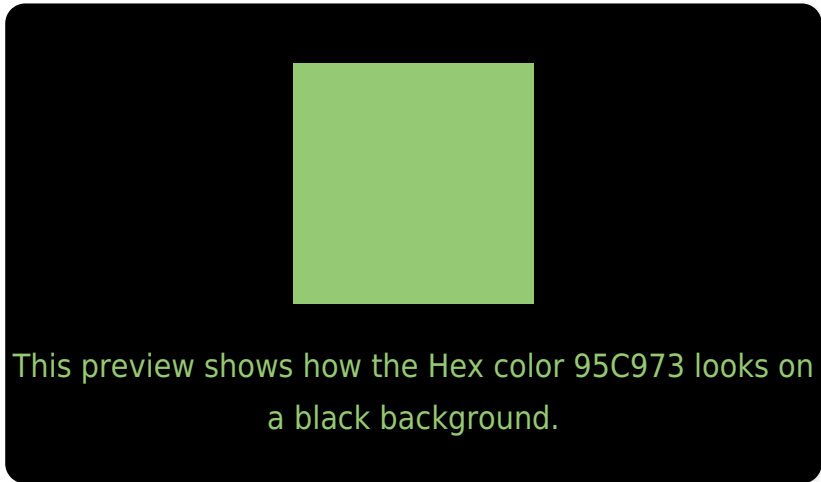
Large Text (above 18pt) WCAG AA × Fail

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

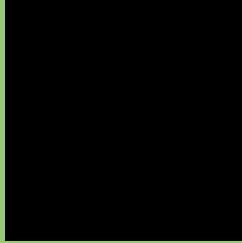
Any Text WCAG AA ✓ Pass

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 95C973 Background



This preview shows how black text looks on a background with the Hex color 95C973.

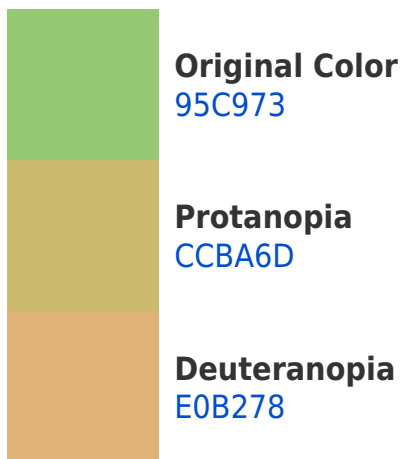


This preview shows how white text looks on a background with the Hex color 95C973.

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



Trichromacy



Original Color
95C973



Protanomaly
B8BF6F



Deuteranomaly
C5BA76

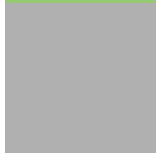


Tritanomaly
9EC2AD

Monochromacy



Original Color
95C973



Achromatopsia
B0B0B0



Achromatomaly
A6B99A

CSS Examples

Text

The CSS property to change the color of the text to Hex 95C973 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 #95C973 looks like.

```
.text, #text, p{  
    color:#95C973  
}
```

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 #95C973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95C973
}
```

Border

The CSS property to change the border of an element to Hex 95C973 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
#95C973 }
```

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

```
.border{ border-color:#95C973 }
```

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

Here you see how a box with a 4 pixel #95C973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95C973; -webkit-box-shadow:4px 4px  
4px 4px #95C973; box-shadow:4px 4px 4px  
4px #95C973 }
```

Background

The CSS property to change the background color of an element to Hex 95C973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95C973 }
```

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

```
.background{ background-color:#95C973 }
```

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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