

Converting Colors

Hex(93975B)

Have a look what the booklet for
Hex(93975B) contains.

Hex(93975B)	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(93975B)

Conversions

Conversions Part 1

Format	Color
Hex	93975B
RGB	147, 151, 91
RGB Percent	58%, 59%, 36%
CMY	0.4235, 0.4078, 0.6431
CMYK	0.03, 0.00, 0.40, 0.41
HSL	64°, 25%, 47%
HSV	64°, 40%, 59%
XYZ	24.9876, 29.0916, 14.1958
YIQ	142.9640, 16.8760, -19.5080

Conversions

Conversions Part 2

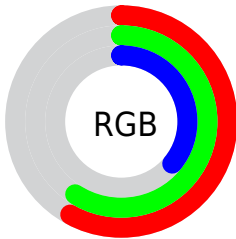
Format	Color
RYB	91, 151, 95
Decimal	9672539
CIELab	60.86, -11.00, 31.11
CIElCh	61, 32.994, 109.470
Yxy	29.0916, 0.3660, 0.4261
Android (android.graphics.Color)	4287862619 (0xFF93975B)
YUV	142.9640, -25.6183, 3.5396
Hunter-Lab	53.9366, -11.6943, 22.1509

Details

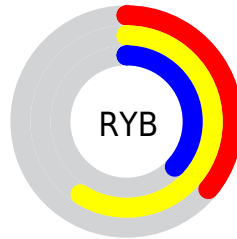
The Hex color **93975B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5F5B97**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CACD8E**, and **5F642B** is the 20% darker color. If you saturate the color by 10%, you get **92974C**, and if you desaturate by 10%, it is **94976A**.

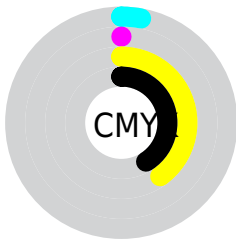
Distribution



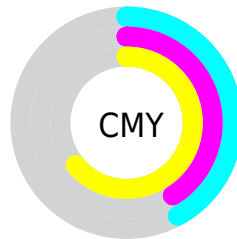
- Red (58%)
- Green (59%)
- Blue (36%)



- Red (36%)
- Yellow (59%)
- Blue (37%)



- Cyan (3%)
- Magenta (0%)
- Yellow (40%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93975B 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 93975B by changing the saturation by 10% instead.



93975B



93975B

FFFFFF



797D43



CACD8E



5F642B



E6E9A9



464C14



FFFFC4



2F3600



FFFFE0



182000



FFFFFD



000600



000000



93975B



93975B



92974C



94976A

91973D

959779

90972E

969788

8F971F

979797

8E970F

9897A7

8D9700

9997B6

9A97C5

9B97D4

9C97E3

Harmonies

Analogous

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



AF8E5A



93975B



729E6C

Triad

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



93975B



279FBE



C57D9E

Complementary

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



93975B



5F5B97

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.



AD85B9



93975B



5799CC

Square

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



93975B



25A2A5



878FCA



CC7D81

Rectangle

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



93975B



59A17D



878FCA



BF7FA8

Sweetspot

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



93975B



C3C4AD



975F5B



636356



E3E3E3



636363

Same Dimension

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



93975B



BEC466



75975B



4C4D45



838C00



0C0D00

Inverse Universe

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



5F5B97



6C66C4



7D5B97



45454D



09008C



01000D

Previews

White Background



This preview shows how the Hex color 93975B looks on a white background.

Color Contrast Check

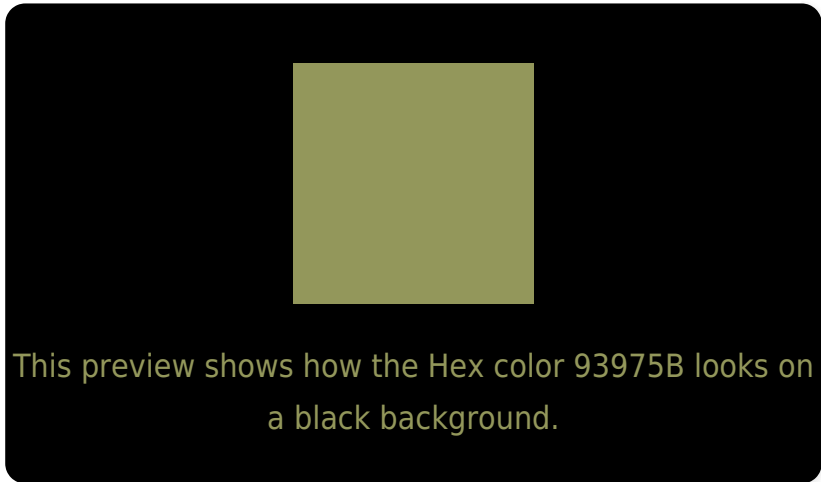
Large Text (above 18pt) WCAG AA ✓ Pass

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

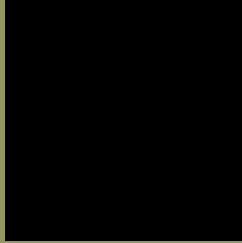
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 93975B Background



This preview shows how black text looks on a background with the Hex color 93975B.



This preview shows how white text looks on a background with the Hex color 93975B.

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
93975B

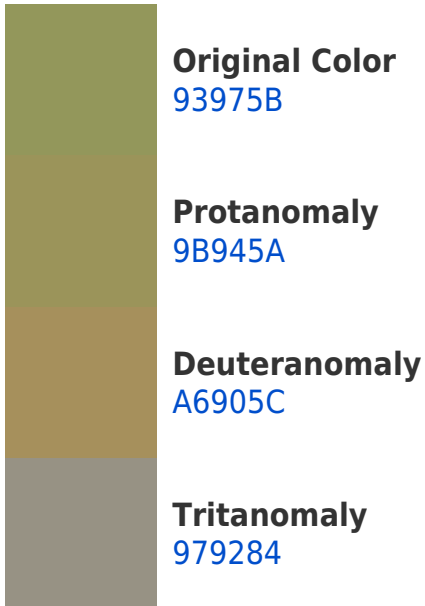
Protanopia
A09359

Deuteranopia
B18C5D

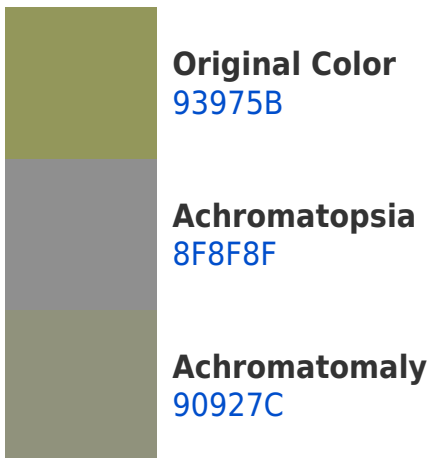


Tritanopia
9A8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93975B 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 #93975B looks like.

```
.text, #text, p{  
    color:#93975B  
}
```

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 #93975B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93975B
}
```

Border

The CSS property to change the border of an element to Hex 93975B 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
#93975B }
```

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

```
.border{ border-color:#93975B }
```

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

Here you see how a box with a 4 pixel #93975B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93975B; -webkit-box-shadow:4px 4px  
4px 4px #93975B; box-shadow:4px 4px 4px  
4px #93975B }
```

Background

The CSS property to change the background color of an element to Hex 93975B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93975B }
```

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

```
.background{ background-color:#93975B }
```

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