

Converting Colors

Hex(95B140)

Have a look what the booklet for
Hex(95B140) contains.

Hex(95B140)	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(95B140)

Conversions

Conversions Part 1

Format	Color
Hex	95B140
RGB	149, 177, 64
RGB Percent	58%, 69%, 25%
CMY	0.4157, 0.3059, 0.7490
CMYK	0.16, 0.00, 0.64, 0.31
HSL	75°, 47%, 47%
HSV	75°, 64%, 69%
XYZ	29.0420, 38.2040, 10.6939
YIQ	155.7460, 19.5850, -41.0790

Conversions

Conversions Part 2

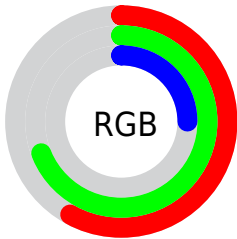
Format	Color
RYB	64, 177, 92
Decimal	9810240
CIELab	68.17, -26.04, 52.85
CIELCh	68, 58.911, 116.228
Yxy	38.2040, 0.3726, 0.4902
Android (android.graphics.Color)	4288000320 (0xFF95B140)
YUV	155.7460, -45.2308, -5.9162
Hunter-Lab	61.8094, -24.2958, 33.0085

Details

The Hex color **95B140** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **5C40B1**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CDE975**, and **5F7C00** is the 20% darker color. If you saturate the color by 10%, you get **91B12E**, and if you desaturate by 10%, it is **99B152**.

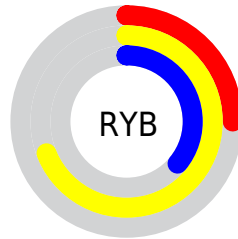
Distribution



Red (58%)

Green (69%)

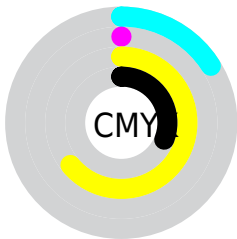
Blue (25%)



Red (25%)

Yellow (69%)

Blue (36%)

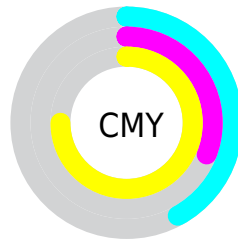


Cyan (16%)

Magenta (0%)

Yellow (64%)

Black (31%)



Cyan (42%)

Magenta (31%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95B140 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 95B140 by changing the saturation by 10% instead.



95B140



95B140

FFFFFF



7A9625



CDE975



5F7C00



E AFF90



456300



FFF FAB



2B4B00



FFF FC7



0F3400



FFF FE4



002000



000000



95B140



95B140



91B12E



99B152

 8CB11D

 9EB163

 88B10B

 A2B175

 85B100

 A7B187

 ABB199

 AFB1AA

 B4B1BC

 B8B1CE

 BCB1DF

Harmonies

Analogous

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



C9A135



95B140



4FBB68

Triad

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



95B140



00BAFE



FF77AF

Complementary

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



95B140



5C40B1

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.



E185E2



95B140



00AEFF

Square

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



95B140



00C0D4



9D9BFF



FF7B7A

Rectangle

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



95B140



00BF8B



9D9BFF



FB7AC1

Sweetspot

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



95B140



DBE6BA



B15A40



6C7358



F2F2F2



737373

Same Dimension

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



95B140



BAE635



5EB140



575950



739900



131A00

Inverse Universe

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



5C40B1



6135E6



9340B1



535059



260099



06001A

Previews

White Background



This preview shows how the Hex color 95B140 looks on a white background.

Color Contrast Check

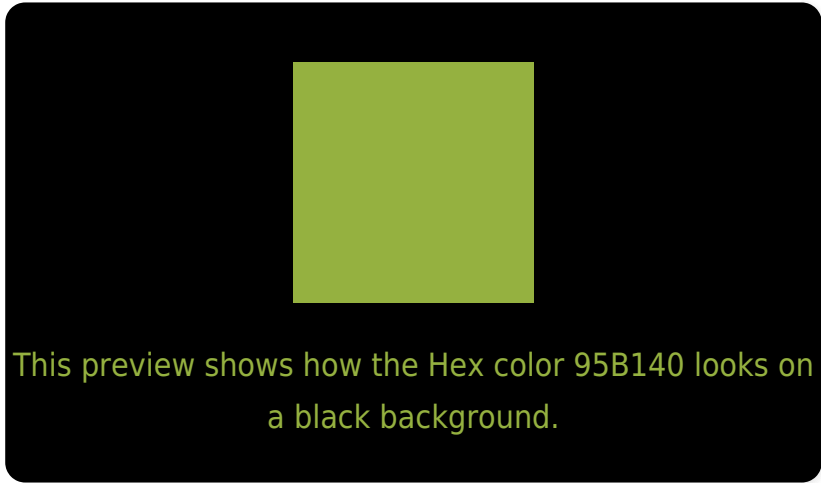
Large Text (above 18pt) WCAG AA × Fail

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 95B140 Background



This preview shows how black text looks on a background with the Hex color 95B140.

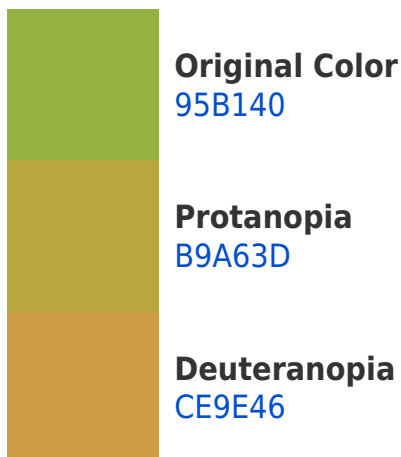


This preview shows how white text looks on a background with the Hex color 95B140.

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](#).

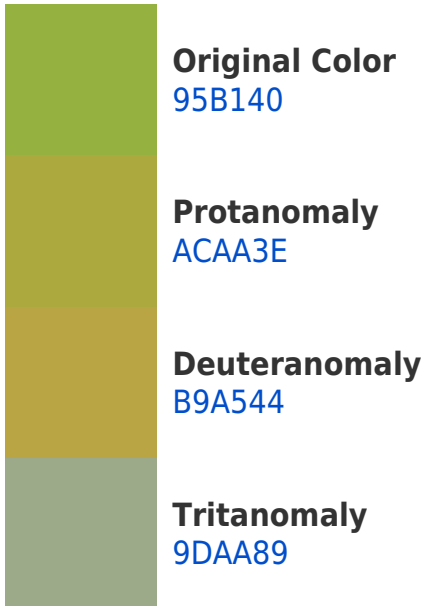
Dichromacy



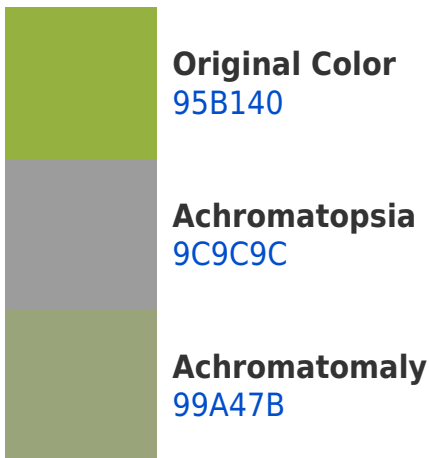


Tritanopia
A2A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95B140 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 #95B140 looks like.

```
.text, #text, p{  
    color:#95B140  
}
```

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 #95B140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95B140
}
```

Border

The CSS property to change the border of an element to Hex 95B140 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
#95B140 }
```

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

```
.border{ border-color:#95B140 }
```

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

Here you see how a box with a 4 pixel #95B140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95B140; -webkit-box-shadow:4px 4px  
4px 4px #95B140; box-shadow:4px 4px 4px  
4px #95B140 }
```

Background

The CSS property to change the background color of an element to Hex 95B140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95B140 }
```

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

```
.background{ background-color:#95B140 }
```

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