

Converting Colors

Hex(91B556)

Have a look what the booklet for
Hex(91B556) contains.

Hex(91B556)	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(91B556)

Conversions

Conversions Part 1

Format	Color
Hex	91B556
RGB	145, 181, 86
RGB Percent	57%, 71%, 34%
CMY	0.4314, 0.2902, 0.6627
CMYK	0.20, 0.00, 0.52, 0.29
HSL	83°, 39%, 52%
HSV	83°, 52%, 71%
XYZ	29.8806, 39.7394, 14.8997
YIQ	159.4060, 9.0390, -37.1770

Conversions

Conversions Part 2

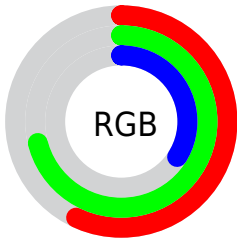
Format	Color
RYB	86, 181, 122
Decimal	9549142
CIELab	69.28, -27.62, 43.98
CIELCh	69, 51.932, 122.132
Yxy	39.7394, 0.3535, 0.4702
Android (android.graphics.Color)	4287739222 (0xFF91B556)
YUV	159.4060, -36.1892, -12.6341
Hunter-Lab	63.0392, -25.7093, 30.1139

Details

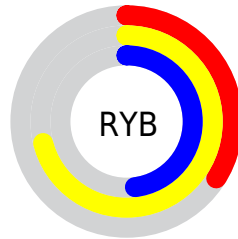
The Hex color **91B556** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7A56B5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C9ED8A**, and **5C8023** is the 20% darker color. If you saturate the color by 10%, you get **8AB544**, and if you desaturate by 10%, it is **98B568**.

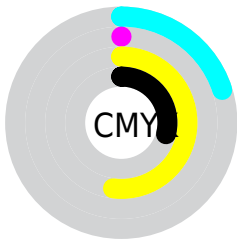
Distribution



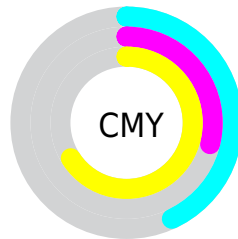
- Red (57%)
- Green (71%)
- Blue (34%)



- Red (34%)
- Yellow (71%)
- Blue (48%)



- Cyan (20%)
- Magenta (0%)
- Yellow (52%)
- Black (29%)



- Cyan (43%)
- Magenta (29%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91B556 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 91B556 by changing the saturation by 10% instead.



91B556



91B556

FFFFFF



769A3D



C9ED8A



5C8023



E5FFA5



426704



FFFFC1



294E00



FFFFDD



0E3700



FFFFFFA



002300



000000



91B556



91B556



8AB544



98B568

 83B532

 9FB57A

 7CB520

 A6B58C

 76B50E

 ACB59E

 70B500

 B3B5B1

 BAB5C3

 C1B5D5

 C8B5E7

 CFB5F9

Harmonies

Analogous

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



C1A847



91B556



52BD7B

Triad

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



91B556



00B9FC



FF81A8

Complementary

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



91B556



7A56B5

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.



E68AD6



91B556



58ADFF

Square

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



91B556



00C0DA



B19BF9



FE877A

Rectangle

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



91B556



00C09B



B19BF9



FA82B8

Sweetspot

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



91B556



DCEBC5



B57956



6D755F



F5F5F5



757575

Same Dimension

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



91B556



B3EB57



63B556



565950



5F9900



101A00

Inverse Universe

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



7A56B5



8F57EB



A856B5



545059



3A0099



0A001A

Previews

White Background



This preview shows how the Hex color 91B556 looks on a white background.

Color Contrast Check

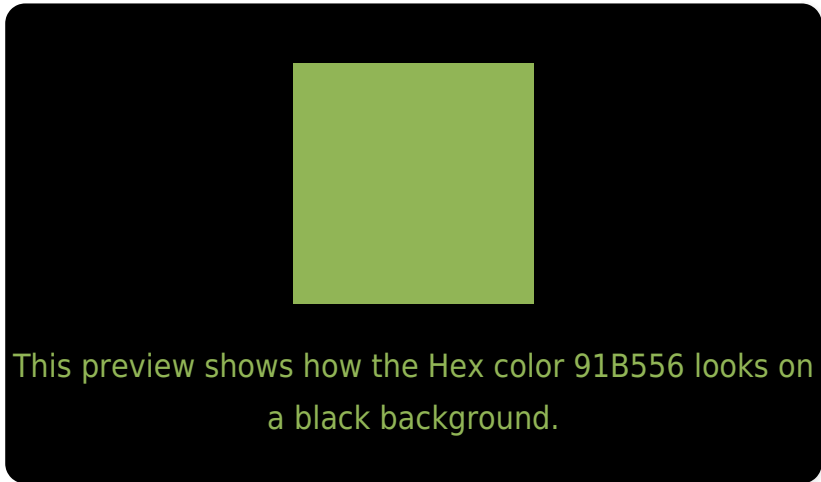
Large Text (above 18pt) WCAG AA × Fail

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 91B556 Background



This preview shows how black text looks on a background with the Hex color 91B556.

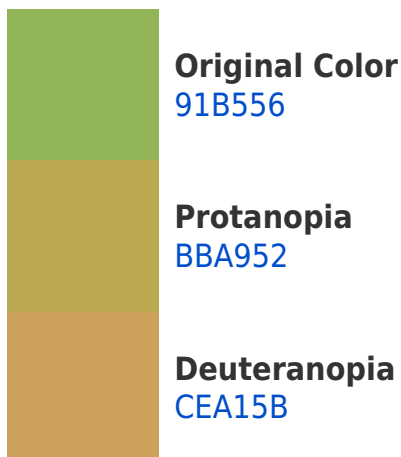


This preview shows how white text looks on a background with the Hex color 91B556.

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](#).

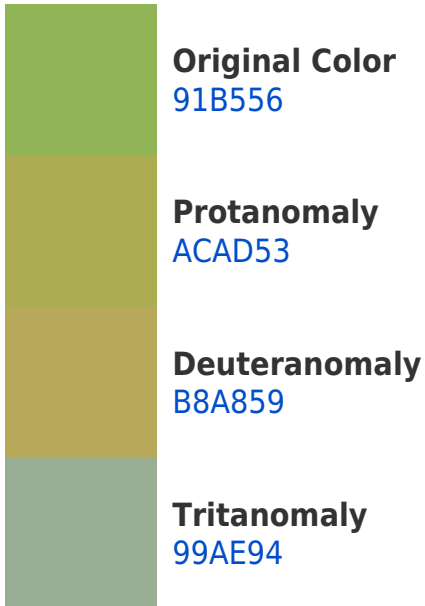
Dichromacy



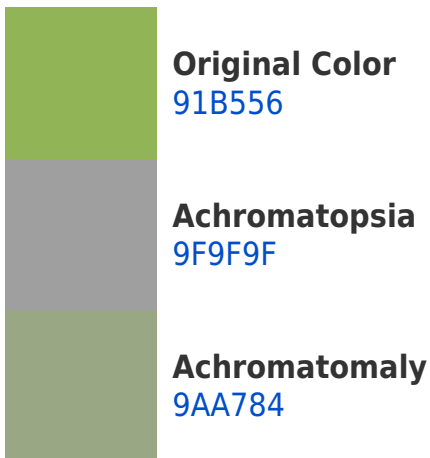


Tritanopia
9EAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91B556 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 #91B556 looks like.

```
.text, #text, p{  
    color:#91B556  
}
```

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 #91B556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B556
}
```

Border

The CSS property to change the border of an element to Hex 91B556 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
#91B556 }
```

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

```
.border{ border-color:#91B556 }
```

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

Here you see how a box with a 4 pixel #91B556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B556; -webkit-box-shadow:4px 4px  
4px 4px #91B556; box-shadow:4px 4px 4px  
4px #91B556 }
```

Background

The CSS property to change the background color of an element to Hex 91B556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B556 }
```

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

```
.background{ background-color:#91B556 }
```

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