

Converting Colors

Hex(91BA00)

Have a look what the booklet for
Hex(91BA00) contains.

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Color

Hex(91BA00)

Conversions

Conversions Part 1

Format	Color
Hex	91BA00
RGB	145, 186, 0
RGB Percent	57%, 73%, 0%
CMY	0.4314, 0.2706, 1.0000
CMYK	0.22, 0.00, 1.00, 0.27
HSL	73°, 100%, 36%
HSV	73°, 100%, 73%
XYZ	29.2360, 41.1376, 6.3994
YIQ	152.5370, 35.2700, -66.5380

Conversions

Conversions Part 2

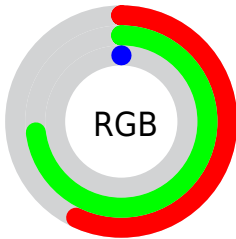
Format	Color
RYB	0, 186, 41
Decimal	9550336
CIELab	70.27, -34.35, 70.98
CIELCh	70, 78.857, 115.820
Yxy	41.1376, 0.3808, 0.5358
Android (android.graphics.Color)	4287740416 (0xFF91BA00)
YUV	152.5370, -75.2007, -6.6099
Hunter-Lab	64.1386, -30.8777, 38.9813

Details

The Hex color **91BA00** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **2900BA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CBF24F**, and **598500** is the 20% darker color. If you saturate the color by 10%, you get **91BA00**, and if you desaturate by 10%, it is **95BA13**.

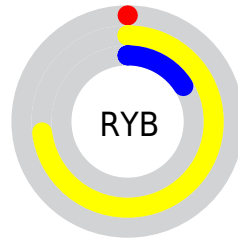
Distribution



Red (57%)

Green (73%)

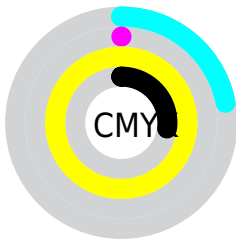
Blue (0%)



Red (0%)

Yellow (73%)

Blue (16%)

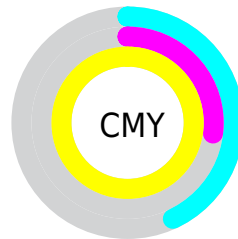


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (43%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91BA00 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 91BA00 by changing the saturation by 10% instead.

 91BA00

 91BA00

FFFFFF

 759F00

 CBF24F

 598500

 E9FF6C

 3D6B00

 FFFF88

 1E5300

 FFFFA5

 003B00

 FFFFC2

 002600

 FFFFDF

 000200

 FFFFFC

 000000

 91BA00

 95BA13

 99BA25

 9DBA38

 A1BA4A

 A5BA5D

 AABA70

 AEBA82

 B2BA95

 B6BAA7

Harmonies

Analogous

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



D6A500



91BA00



02C656

Triad

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



91BA00



00C7FF



FF61B9

Complementary

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



91BA00



2900BA

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.



F87BFD



91BA00



00B8FF

Square

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



91BA00



00CCE8



959DFF



FF6972

Rectangle

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



91BA00



00CB86



959DFF



FF67D1

Sweetspot

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



91BA00



E2F2AA



BA2800



717A4E



FAFAFA



7A7A7A

Same Dimension

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



91BA00



BDF200



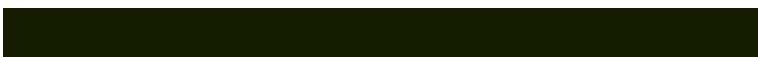
35BA00



5A5C53



799C00



161C00

Inverse Universe

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



2900BA



3500F2



8500BA



55535C



22009C



06001C

Previews

White Background



This preview shows how the Hex color 91BA00 looks on a white background.

Color Contrast Check

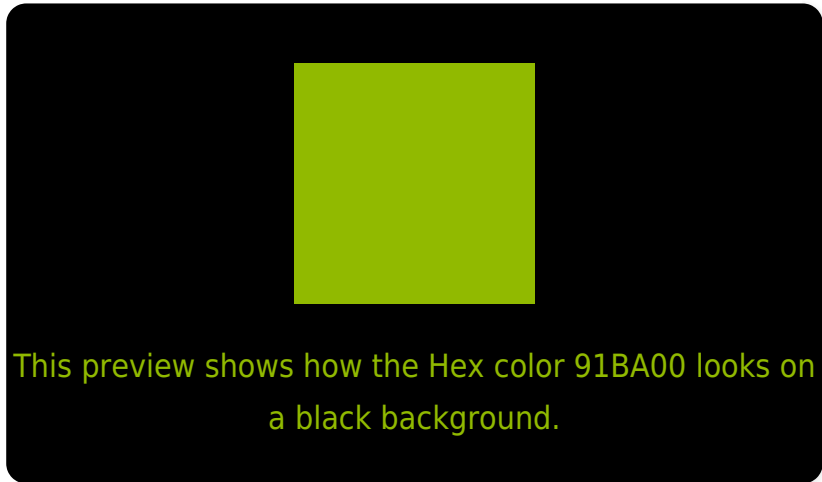
Large Text (above 18pt) WCAG AA × Fail

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 91BA00 Background



This preview shows how black text looks on a background with the Hex color 91BA00.

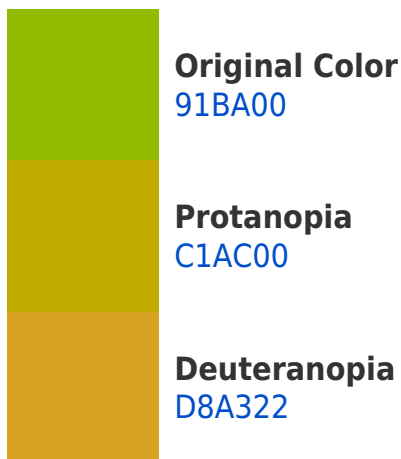


This preview shows how white text looks on a background with the Hex color 91BA00.

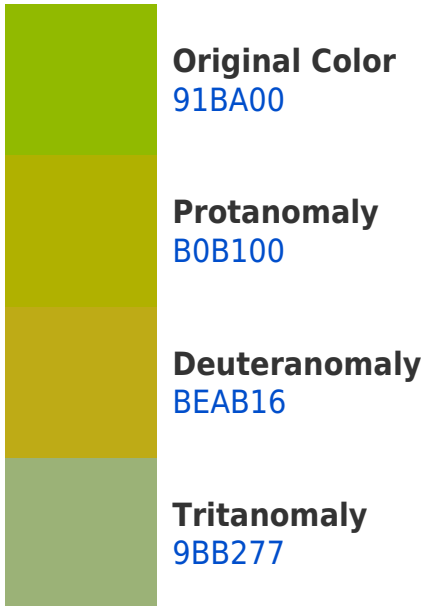
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91BA00 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 #91BA00 looks like.

```
.text, #text, p{  
    color:#91BA00  
}
```

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 #91BA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91BA00
}
```

Border

The CSS property to change the border of an element to Hex 91BA00 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
#91BA00 }
```

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

```
.border{ border-color:#91BA00 }
```

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

Here you see how a box with a 4 pixel #91BA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91BA00; -webkit-box-shadow:4px 4px  
4px 4px #91BA00; box-shadow:4px 4px 4px  
4px #91BA00 }
```

Background

The CSS property to change the background color of an element to Hex 91BA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91BA00 }
```

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

```
.background{ background-color:#91BA00 }
```

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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