

Converting Colors

Hex(91AA11)

Have a look what the booklet for
Hex(91AA11) contains.

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Color

Hex(91AA11)

Conversions

Conversions Part 1

Format	Color
Hex	91AA11
RGB	145, 170, 17
RGB Percent	57%, 67%, 7%
CMY	0.4314, 0.3333, 0.9333
CMYK	0.15, 0.00, 0.90, 0.33
HSL	70°, 82%, 37%
HSV	70°, 90%, 67%
XYZ	26.1530, 34.8097, 5.8708
YIQ	145.0830, 34.2130, -52.8830

Conversions

Conversions Part 2

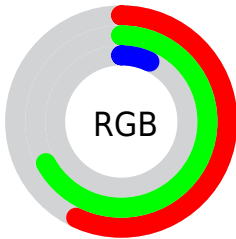
Format	Color
RYB	17, 170, 42
Decimal	9546257
CIELab	65.60, -26.51, 65.13
CIELCh	66, 70.323, 112.151
Yxy	34.8097, 0.3913, 0.5208
Android (android.graphics.Color)	4287736337 (0xFF91AA11)
YUV	145.0830, -63.1449, -0.0728
Hunter-Lab	58.9997, -24.1253, 35.4001

Details

The Hex color **91AA11** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2A11AA**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CAE152**, and **5A7600** is the 20% darker color. If you saturate the color by 10%, you get **8EAA00**, and if you desaturate by 10%, it is **94AA22**.

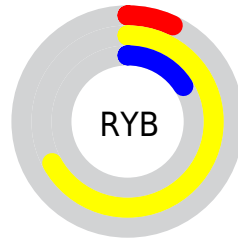
Distribution



Red (57%)

Green (67%)

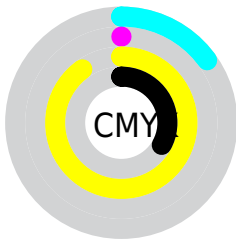
Blue (7%)



Red (7%)

Yellow (67%)

Blue (16%)

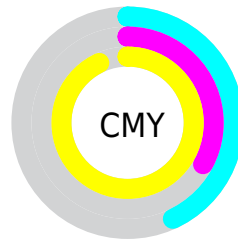


Cyan (15%)

Magenta (0%)

Yellow (90%)

Black (33%)



Cyan (43%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91AA11 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 91AA11 by changing the saturation by 10% instead.

 91AA11

 91AA11

FFFFFF

 759000

 CAE152

 5A7600

 E8FE6E

 3F5D00

 FFFF89

 234500

 FFFFA5

 052F00

 FFFFC2

 001C00

 FFFFDF

 000000

 FFFFFC

 91AA11

 91AA11

■ 8EAA00

■ 94AA22

■ 97AA33

■ 99AA44

■ 9CAA55

■ 9FAA66

■ A2AA77

■ A4AA88

■ A7AA99

■ AAAAAA

Harmonies

Analogous

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



CC9702



91AA11



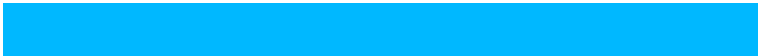
3AB64D

Triad

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



91AA11



00B8FF



FF62B3

Complementary

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



91AA11



2A11AA

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.



DB79EE



91AA11



00ACFF

Square

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



91AA11



00BDCD



7D96FF



FF6474

Rectangle

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



91AA11



00BA76



7D96FF



FD67C8

Sweetspot

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



91AA11



D4DEA2



AA2811



6A704C



F0F0F0



707070

Same Dimension

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



91AA11



BADE00



47AA11



53544C



7C9400



111400

Inverse Universe

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



2A11AA



2400DE



7411AA



4D4C54



180094



030014

Previews

White Background



This preview shows how the Hex color 91AA11 looks on a white background.

Color Contrast Check

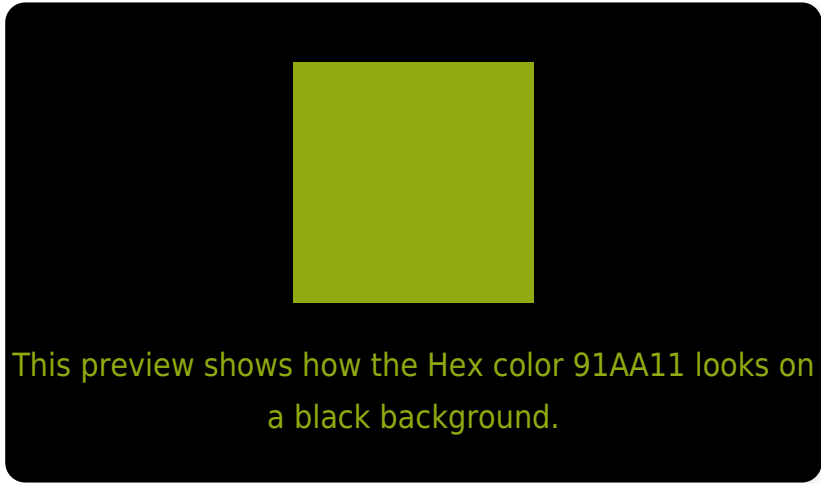
Large Text (above 18pt) WCAG AA × Fail

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 91AA11 Background



This preview shows how black text looks on a background with the Hex color 91AA11.



This preview shows how white text looks on a background with the Hex color 91AA11.

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
91AA11

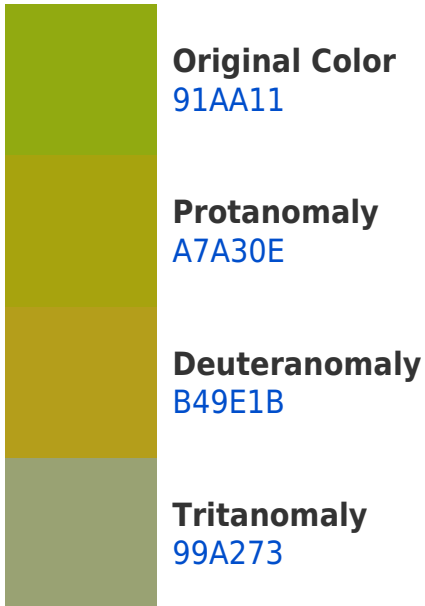
Protanopia
B39F0C

Deuteranopia
C89721



Tritanopia
9E9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91AA11 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 #91AA11 looks like.

```
.text, #text, p{  
    color:#91AA11  
}
```

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 #91AA11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AA11
}
```

Border

The CSS property to change the border of an element to Hex 91AA11 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
#91AA11 }
```

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

```
.border{ border-color:#91AA11 }
```

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

Here you see how a box with a 4 pixel #91AA11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AA11; -webkit-box-shadow:4px 4px  
4px 4px #91AA11; box-shadow:4px 4px 4px  
4px #91AA11 }
```

Background

The CSS property to change the background color of an element to Hex 91AA11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AA11 }
```

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

```
.background{ background-color:#91AA11 }
```

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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