

Converting Colors

Hex(91A116)

Have a look what the booklet for
Hex(91A116) contains.

Hex(91A116)	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(91A116)

Conversions

Conversions Part 1

Format	Color
Hex	91A116
RGB	145, 161, 22
RGB Percent	57%, 63%, 9%
CMY	0.4314, 0.3686, 0.9137
CMYK	0.10, 0.00, 0.86, 0.37
HSL	67°, 76%, 36%
HSV	67°, 86%, 63%
XYZ	24.5667, 31.5674, 5.5574
YIQ	140.3700, 35.0830, -46.6210

Conversions

Conversions Part 2

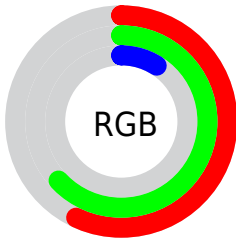
Format	Color
R_{YB}	22, 161, 38
Decimal	9543958
CIE _{Lab}	62.98, -21.95, 61.99
CIE _{LCh}	63, 65.762, 109.498
Yxy	31.5674, 0.3982, 0.5117
Android (android.graphics.Color)	4287734038 (0xFF91A116)
YUV	140.3700, -58.3564, 4.0605
Hunter-Lab	56.1849, -20.2747, 33.4649

Details

The Hex color **91A116** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2616A1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CAD853**, and **5A6E00** is the 20% darker color. If you saturate the color by 10%, you get **8FA106**, and if you desaturate by 10%, it is **93A126**.

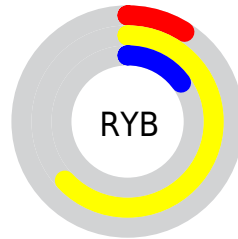
Distribution



Red (57%)

Green (63%)

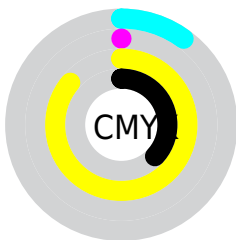
Blue (9%)



Red (9%)

Yellow (63%)

Blue (15%)

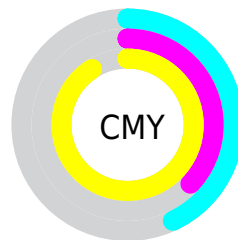


Cyan (10%)

Magenta (0%)

Yellow (86%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91A116 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 91A116 by changing the saturation by 10% instead.



91A116



91A116

FFFFFF



758700



CAD853



5A6E00



E7F46E



405500



FFFF89



253E00



FFFFA5



0A2800



FFFFC2



001200



FFFFDE



000000



FFFFFC



91A116



91A116

■ 8FA106

■ 93A126

■ 8EA100

■ 95A136

■ 97A146

■ 98A156

■ 9AA167

■ 9CA177

■ 9EA187

■ A0A197

■ A2A1A7

Harmonies

Analogous

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



C78E14



91A116



47AD47

Triad

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



91A116



00B0F0



F761B0

Complementary

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



91A116



2616A1

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.



CA77E5



91A116



00A5FF

Square

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



91A116



00B4BE



6F92FF



FF6175

Rectangle

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



91A116



00B16D



6F92FF



EC67C3

Sweetspot

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



91A116



CBD19B



A12416



656948



E8E8E8



696969

Same Dimension

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



91A116



B9D100



4EA116



515249



819100



101200

Inverse Universe

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



2616A1



1800D1



6916A1



4A4952



110091



020012

Previews

White Background



This preview shows how the Hex color 91A116 looks on a white background.

Color Contrast Check

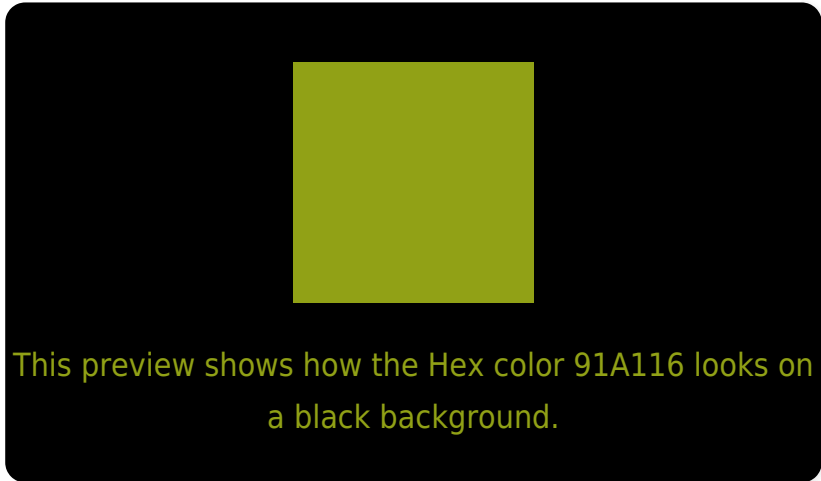
Large Text (above 18pt) WCAG AA × Fail

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 91A116 Background



This preview shows how black text looks on a background with the Hex color 91A116.



This preview shows how white text looks on a background with the Hex color 91A116.

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
91A116

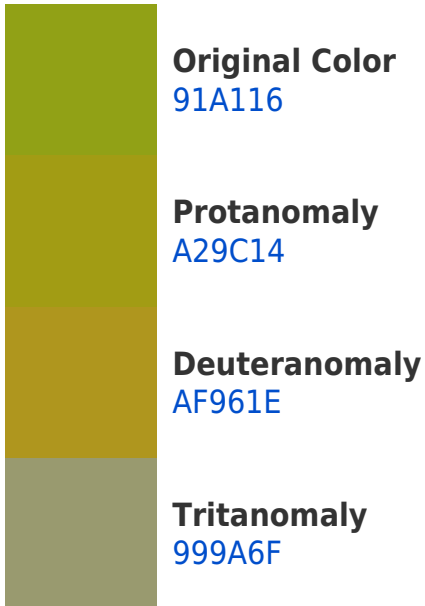
Protanopia
AC9913

Deuteranopia
C09022



Tritanopia
9D96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91A116 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 #91A116 looks like.

```
.text, #text, p{  
    color:#91A116  
}
```

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 #91A116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A116
}
```

Border

The CSS property to change the border of an element to Hex 91A116 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
#91A116 }
```

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

```
.border{ border-color:#91A116 }
```

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

Here you see how a box with a 4 pixel #91A116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A116; -webkit-box-shadow:4px 4px  
4px 4px #91A116; box-shadow:4px 4px 4px  
4px #91A116 }
```

Background

The CSS property to change the background color of an element to Hex 91A116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A116 }
```

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

```
.background{ background-color:#91A116 }
```

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