

# Converting Colors

Hex(93AB16)

Have a look what the booklet for  
Hex(93AB16) contains.

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**Color**

**Hex(93AB16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93AB16
RGB	147, 171, 22
RGB Percent	58%, 67%, 9%
CMY	0.4235, 0.3294, 0.9137
CMYK	0.14, 0.00, 0.87, 0.33
HSL	70°, 77%, 38%
HSV	70°, 87%, 67%
XYZ	26.7404, 35.3868, 6.1800
YIQ	146.8380, 33.5250, -51.4270

# Conversions

## Conversions Part 2

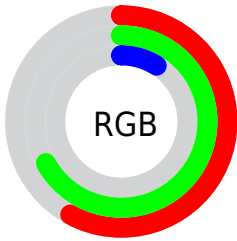
<b>Format</b>	<b>Color</b>
<b>RYB</b>	22, 171, 46
Decimal	9677590
CIELab	66.05, -26.03, 64.60
CIELCh	66, 69.650, 111.947
Yxy	35.3868, 0.3915, 0.5181
Android (android.graphics.Color)	4287867670 (0xFF93AB16)
YUV	146.8380, -61.5451, 0.1421
Hunter-Lab	59.4868, -23.8630, 35.4812

# Details

The Hex color **93AB16** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2E16AB**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CCE254**, and **5C7700** is the 20% darker color. If you saturate the color by 10%, you get **90AB05**, and if you desaturate by 10%, it is **96AB27**.

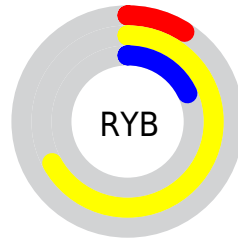
# Distribution



Red (58%)

Green (67%)

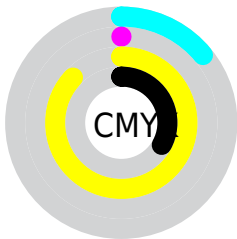
Blue (9%)



Red (9%)

Yellow (67%)

Blue (18%)

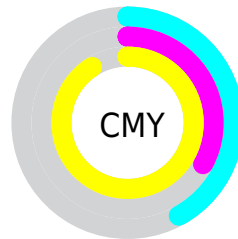


Cyan (14%)

Magenta (0%)

Yellow (87%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93AB16 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 93AB16 by changing the saturation by 10% instead.



 93AB16

 93AB16

FFFFFF

 779000

 CCE254

 5C7700

 EAFF70

 415E00

 FFFF8C

 254600

 FFFFA8

 083000

 FFFFC4

 001D00

 FFFFE1

 000000

 93AB16

 93AB16

 90AB05

 96AB27

 8FAB00

 99AB38

 9BAB49

 9EAB5A

 A1AB6B

 A4AB7D

 A6AB8E

 A9AB9F

 ACABB0

# Harmonies

## Analogous

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



CD980A



93AB16



3EB74E

# Triad

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



93AB16



00B9FF



FF64B4

# Complementary

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



93AB16



2E16AB

# 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.



DB7BEE



93AB16



00ADFF

# Square

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



93AB16



00BECE



7F97FF



FF6676

# Rectangle

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



93AB16



00BB77



7F97FF



FD6AC9



# Sweetspot

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



93AB16



D5DEA4



AB2C16



6B704D



F0F0F0



707070



# Same Dimension

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



93AB16



BADE00



4AAB16



55574E



7E9600



131700



# Inverse Universe

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



2E16AB



2400DE



7716AB



4F4E57



180096



040017



# Previews

## White Background



This preview shows how the Hex color 93AB16 looks on a white background.

## Color Contrast Check

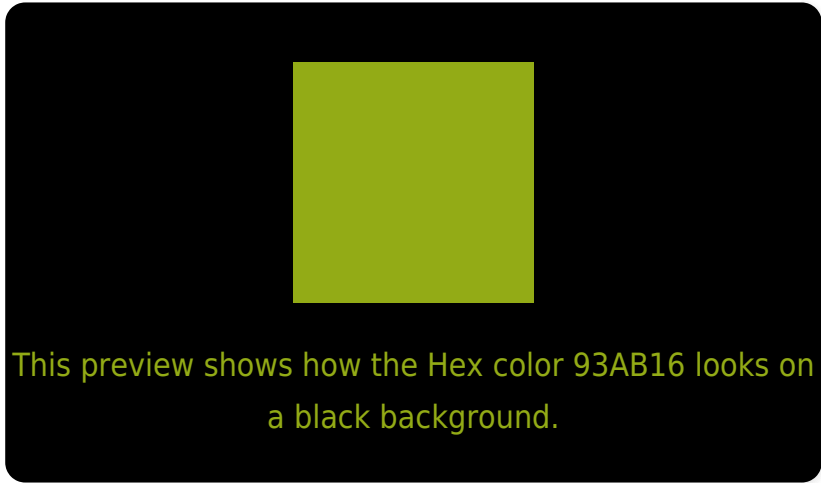
Large Text (above 18pt) WCAG AA × Fail

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 93AB16 Background



This preview shows how black text looks on a background with the Hex color 93AB16.



This preview shows how white text looks on a background with the Hex color 93AB16.

# 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



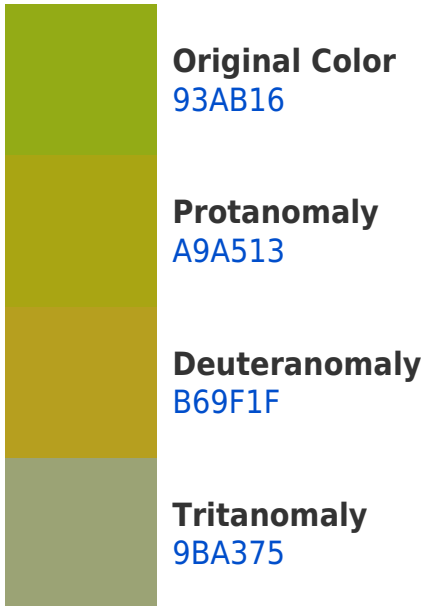
**Original Color**  
93AB16

**Protanopia**  
B5A112

**Deuteranopia**  
CA9824



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93AB16 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 #93AB16 looks like.

```
.text, #text, p{  
    color:#93AB16  
}
```

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 #93AB16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AB16
}
```

## Border

The CSS property to change the border of an element to Hex 93AB16 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
#93AB16 }
```

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

```
.border{ border-color:#93AB16 }
```

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

Here you see how a box with a 4 pixel #93AB16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AB16; -webkit-box-shadow:4px 4px  
4px 4px #93AB16; box-shadow:4px 4px 4px  
4px #93AB16 }
```

# Background

The CSS property to change the background color of an element to Hex 93AB16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AB16 }
```

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

```
.background{ background-color:#93AB16 }
```

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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