

# Converting Colors

Hex(93B015)

Have a look what the booklet for  
Hex(93B015) contains.

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**Color**

**Hex(93B015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93B015
RGB	147, 176, 21
RGB Percent	58%, 69%, 8%
CMY	0.4235, 0.3098, 0.9176
CMYK	0.16, 0.00, 0.88, 0.31
HSL	71°, 79%, 39%
HSV	71°, 88%, 69%
XYZ	27.6933, 37.3079, 6.4510
YIQ	149.6590, 32.4710, -54.3530

# Conversions

## Conversions Part 2

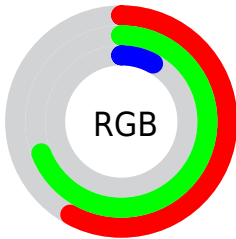
Format	Color
<a href="#">RYB</a>	<a href="#">21, 176, 50</a>
Decimal	<a href="#">9678869</a>
CIELab	<a href="#">67.51, -28.47, 66.01</a>
CIELCh	<a href="#">68, 71.888, 113.332</a>
Yxy	<a href="#">37.3079, 0.3876, 0.5221</a>
Android (android.graphics.Color)	<a href="#">4287868949 (0xFF93B015)</a>
YUV	<a href="#">149.6590, -63.4289, -2.3319</a>
Hunter-Lab	<a href="#">61.0802, -25.9596, 36.4942</a>

# Details

The Hex color **93B015** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3215B0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CCE855**, and **5B7B00** is the 20% darker color. If you saturate the color by 10%, you get **90B003**, and if you desaturate by 10%, it is **96B027**.

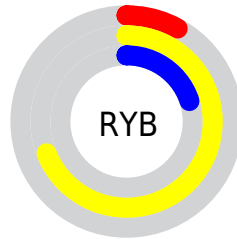
# Distribution



Red (58%)

Green (69%)

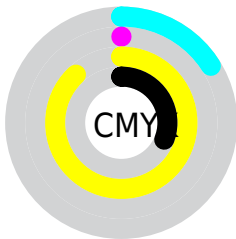
Blue (8%)



Red (8%)

Yellow (69%)

Blue (20%)

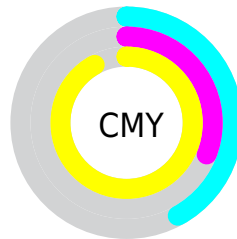


Cyan (16%)

Magenta (0%)

Yellow (88%)

Black (31%)



Cyan (42%)

Magenta (31%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B015 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 93B015 by changing the saturation by 10% instead.



 93B015

 93B015

FFFFFF

 779500

 CCE855

 5B7B00

 EAFF71

 416200

 FFFF8D

 244A00

 FFFFA9

 053400

 FFFFC5

 002000

 FFFF E2

 000000

 93B015

 93B015

 90B003

 96B027

■ 8FB000

■ 9AB038

■ 9DB04A

■ A0B05B

■ A3B06D

■ A7B07F

■ AAB090

■ ADB0A2

■ B1B0B3

# Harmonies

## Analogous

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



D09C00



93B015



36BC52

# Triad

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



93B015



00BDFE



FF64B6

# Complementary

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



93B015



3215B0

# 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.



E47CF3



93B015



00B0FF

# Square

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



93B015



00C2D6



8799FF



FF6875

# Rectangle

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



93B015



00C07D



8799FF



FF6ACB



# Sweetspot

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



93B015



DAE6AA



B03115



6C734F



F2F2F2



737373



# Same Dimension

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



93B015



BBE600



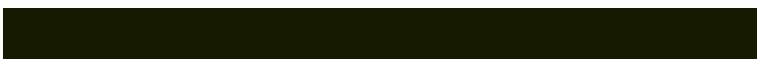
46B015



585950



7C9900



151A00



# Inverse Universe

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



3215B0



2B00E6



7F15B0



525059



1D0099



05001A



# Previews

## White Background



This preview shows how the Hex color 93B015 looks on a white background.

## Color Contrast Check

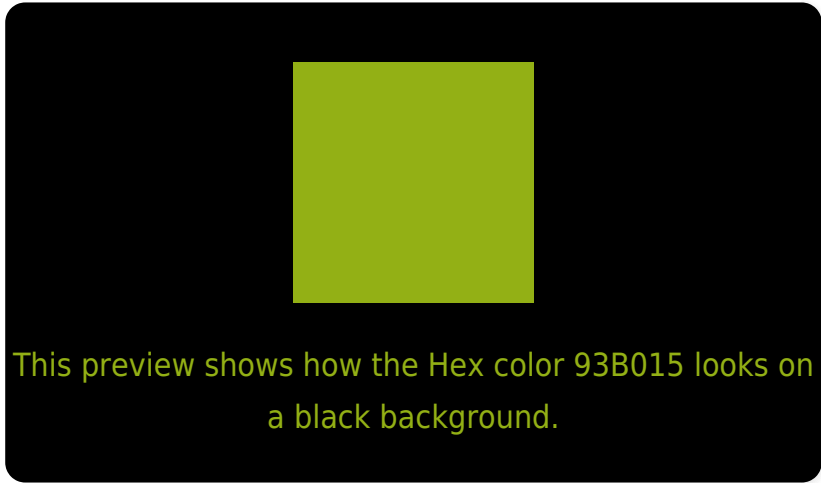
Large Text (above 18pt) WCAG AA × Fail

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 93B015 Background



This preview shows how black text looks on a background with the Hex color 93B015.



This preview shows how white text looks on a background with the Hex color 93B015.

# 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**  
A1A4B1

# Trichromacy



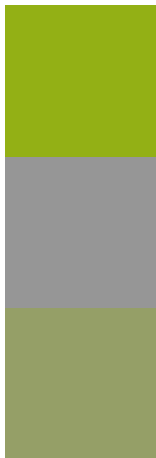
**Original Color**  
93B015

**Protanomaly**  
ABA812

**Deuteranomaly**  
B9A31F

**Tritanomaly**  
9CA878

# Monochromacy



**Original Color**  
93B015

**Achromatopsia**  
969696

**Achromatomaly**  
959F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B015 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 #93B015 looks like.

```
.text, #text, p{  
    color:#93B015  
}
```

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 #93B015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B015
}
```

## Border

The CSS property to change the border of an element to Hex 93B015 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
#93B015 }
```

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

```
.border{ border-color:#93B015 }
```

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

Here you see how a box with a 4 pixel #93B015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B015; -webkit-box-shadow:4px 4px  
4px 4px #93B015; box-shadow:4px 4px 4px  
4px #93B015 }
```

# Background

The CSS property to change the background color of an element to Hex 93B015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B015 }
```

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

```
.background{ background-color:#93B015 }
```

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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