

# Converting Colors

Hex(93961C)

Have a look what the booklet for  
Hex(93961C) contains.

<b>Hex(93961C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(93961C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93961C
RGB	147, 150, 28
RGB Percent	58%, 59%, 11%
CMY	0.4235, 0.4118, 0.8902
CMYK	0.02, 0.00, 0.81, 0.41
HSL	61°, 69%, 35%
HSV	61°, 81%, 59%
XYZ	23.1486, 28.0996, 5.3023
YIQ	135.1950, 37.3740, -38.5780

# Conversions

## Conversions Part 2

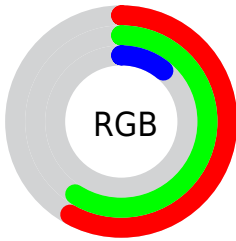
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 150, 31
Decimal	9672220
CIE <sub>Lab</sub>	59.98, -15.25, 57.96
CIE <sub>LCh</sub>	60, 59.934, 104.737
Yxy	28.0996, 0.4093, 0.4969
Android (android.graphics.Color)	4287862300 (0xFF93961C)
YUV	135.1950, -52.8471, 10.3530
Hunter-Lab	53.0090, -14.8165, 31.1758

# Details

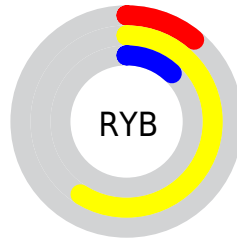
The Hex color **93961C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1F1C96**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **CCCC55**, and **5C6300** is the 20% darker color. If you saturate the color by 10%, you get **93960D**, and if you desaturate by 10%, it is **93962B**.

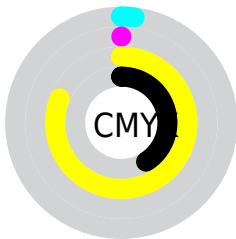
# Distribution



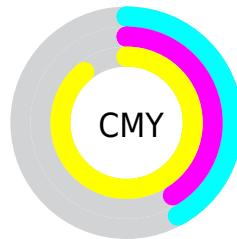
- Red (58%)
- Green (59%)
- Blue (11%)



- Red (11%)
- Yellow (59%)
- Blue (12%)



- Cyan (2%)
- Magenta (0%)
- Yellow (81%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93961C 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 93961C by changing the saturation by 10% instead.





93961C



93961C

FFFFFF



777C00



CCCC55



5C6300



E9E86F



424C00



FFFF8B



283500



FFFFA6



0F2000



FFFFC2



000000



FFFFDF



FFFFFC



93961C



93961C

■ 93960D

■ 93962B

■ 929600

■ 94963A

■ 949649

■ 949658

■ 959667

■ 959676

■ 969685

■ 969694

■ 9696A3

# Harmonies

## Analogous

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



C28422



93961C



56A240

# Triad

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



93961C



00A7DA



E263AE

# Complementary

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



93961C



1F1C96

# 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.



B477DC



93961C



009EF6

# Square

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



93961C



00AAAA



5A8EF7



F05F79

# Rectangle

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



93961C



00A661



5A8EF7



D768BF



# Sweetspot

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



93961C



C1C293



961E1C



606145



E0E0E0



616161



# Same Dimension

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



93961C



BDC204



57961C



4A4A43



868A00



0A0A00



# Inverse Universe

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



1F1C96



0904C2



5B1C96



43434A



03008A



00000A



# Previews

## White Background



This preview shows how the Hex color 93961C looks on a white background.

## Color Contrast Check

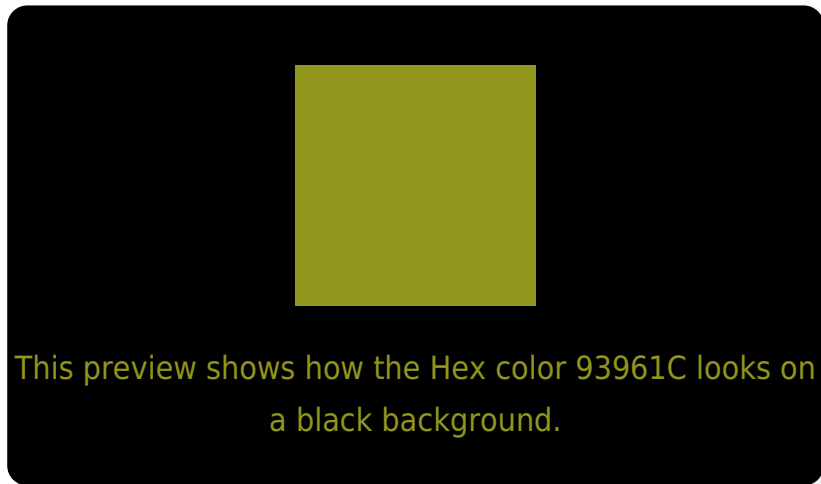
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93961C Background



This preview shows how black text looks on a background with the Hex color 93961C.



This preview shows how white text looks on a background with the Hex color 93961C.

# 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**  
93961C

**Protanopia**  
A3911B

**Deuteranopia**  
B68923



**Tritanopia**  
9D8C97

# Trichromacy



**Original Color**  
93961C

**Protanomaly**  
9D931B

**Deuteranomaly**  
A98E20

**Tritanomaly**  
99906A

# Monochromacy



**Original Color**  
93961C

**Achromatopsia**  
878787

**Achromatomaly**  
8B8C60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93961C 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 #93961C looks like.

```
.text, #text, p{  
    color:#93961C  
}
```

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 #93961C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93961C
}
```

## Border

The CSS property to change the border of an element to Hex 93961C 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
#93961C }
```

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

```
.border{ border-color:#93961C }
```

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

Here you see how a box with a 4 pixel #93961C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93961C; -webkit-box-shadow:4px 4px  
4px 4px #93961C; box-shadow:4px 4px 4px  
4px #93961C }
```

# Background

The CSS property to change the background color of an element to Hex 93961C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93961C }
```

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

```
.background{ background-color:#93961C }
```

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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