

# Converting Colors

Hex(96933A)

Have a look what the booklet for  
Hex(96933A) contains.

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**Color**

**Hex(96933A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96933A
RGB	150, 147, 58
RGB Percent	59%, 58%, 23%
CMY	0.4118, 0.4235, 0.7725
CMYK	0.00, 0.02, 0.61, 0.41
HSL	58°, 44%, 41%
HSV	58°, 61%, 59%
XYZ	23.7751, 27.6570, 8.0882
YIQ	137.7510, 30.3570, -27.0430

# Conversions

## Conversions Part 2

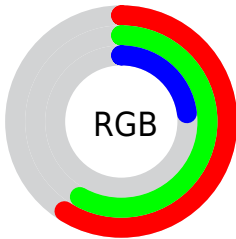
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 150, 58
Decimal	9868090
CIELab	59.58, -10.73, 46.23
CIElCh	60, 47.460, 103.062
Yxy	27.6570, 0.3994, 0.4647
Android (android.graphics.Color)	4288058170 (0xFF96933A)
YUV	137.7510, -39.3172, 10.7424
Hunter-Lab	52.5899, -11.3351, 27.6942

# Details

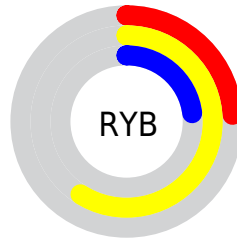
The Hex color **96933A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A3D96**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CEC96D**, and **606101** is the 20% darker color. If you saturate the color by 10%, you get **96932B**, and if you desaturate by 10%, it is **969349**.

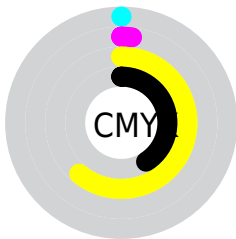
# Distribution



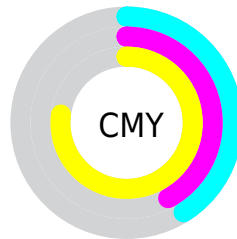
- Red (59%)
- Green (58%)
- Blue (23%)



- Red (24%)
- Yellow (59%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (61%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96933A 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 96933A by changing the saturation by 10% instead.



 96933A

 96933A

FFFFFF

 7B7920

 CEC96D

 606101

 EBE587

 474900

 FFFFA2

 2E3300

 FFFFBE

 151E00

 FFFFDA

 000000

 FFFFF7

 96933A

 96933A

 96932B

 969349

■ 96921C

■ 969458

■ 96920D

■ 969467

■ 969100

■ 969576

■ 969585

■ 969694

■ 9696A3

■ 9697B2

■ 9697C1

# Harmonies

## Analogous

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



BB853E



96933A



689D50

# Triad

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



96933A



00A2C7



D06FA9

# Complementary

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



96933A



3A3D96

# 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.



AA7DCD



96933A



009BDF

# Square

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



96933A



00A4A1



698EE1



DE6C7F

# Rectangle

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



96933A



3EA168



698EE1



C673B6



# Sweetspot

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



96933A



C2C19F



963A3D



61604C



E0E0E0



616161



# Same Dimension

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



96933A



C2BD32



6B963A



4A4A43



8A8500



0A0A00



# Inverse Universe

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



3A3D96



3237C2



653A96



43434A



00048A



00000A



# Previews

## White Background



This preview shows how the Hex color 96933A looks on a white background.

## Color Contrast Check

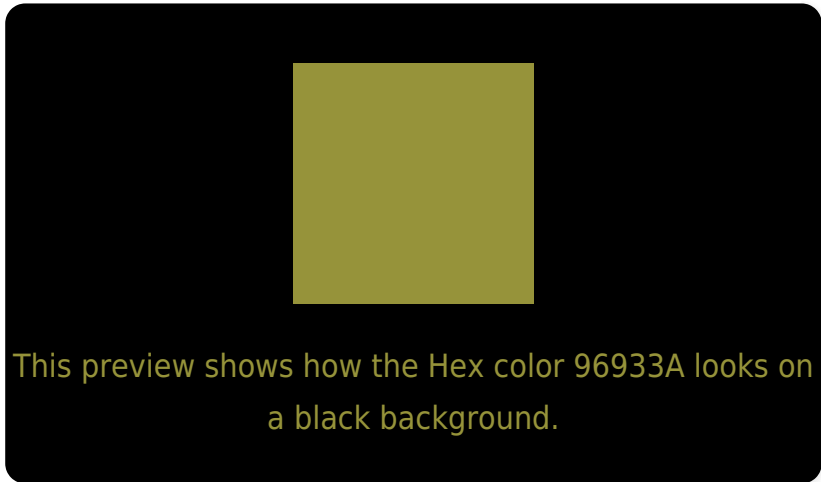
Large Text (above 18pt) WCAG AA ✓ Pass

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

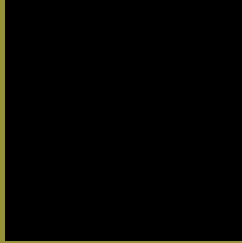
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 96933A Background



This preview shows how black text looks on a background with the Hex color 96933A.



This preview shows how white text looks on a background with the Hex color 96933A.

# 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**  
96933A

**Protanopia**  
A09039

**Deuteranopia**  
B2883D



**Tritanopia**  
9E8A95

# Trichromacy



**Original Color**  
96933A

**Protanomaly**  
9C9139

**Deuteranomaly**  
A88C3C

**Tritanomaly**  
9B8D74

# Monochromacy



**Original Color**  
96933A

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
8E8D6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96933A 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 #96933A looks like.

```
.text, #text, p{  
    color:#96933A  
}
```

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 #96933A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96933A
}
```

## Border

The CSS property to change the border of an element to Hex 96933A 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
#96933A }
```

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

```
.border{ border-color:#96933A }
```

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

Here you see how a box with a 4 pixel #96933A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96933A; -webkit-box-shadow:4px 4px  
4px 4px #96933A; box-shadow:4px 4px 4px  
4px #96933A }
```

# Background

The CSS property to change the background color of an element to Hex 96933A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96933A }
```

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

```
.background{ background-color:#96933A }
```

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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