

# Converting Colors

Hex(969421)

Have a look what the booklet for  
Hex(969421) contains.

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**Color**

**Hex(969421)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	969421
RGB	150, 148, 33
RGB Percent	59%, 58%, 13%
CMY	0.4118, 0.4196, 0.8706
CMYK	0.00, 0.01, 0.78, 0.41
HSL	59°, 64%, 36%
HSV	59°, 78%, 59%
XYZ	23.4421, 27.7736, 5.5642
YIQ	135.4880, 38.1070, -35.3410

# Conversions

## Conversions Part 2

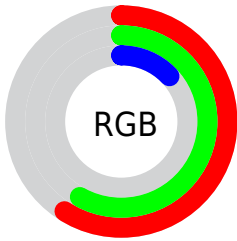
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 150, 33
Decimal	9868321
CIE <sub>Lab</sub>	59.68, -12.66, 56.27
CIE <sub>LCh</sub>	60, 57.678, 102.681
Yxy	27.7736, 0.4129, 0.4891
Android (android.graphics.Color)	4288058401 (0xFF969421)
YUV	135.4880, -50.5266, 12.7270
Hunter-Lab	52.7007, -12.8267, 30.6306

# Details

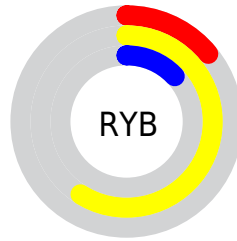
The Hex color **969421** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **212396**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **CFCA58**, and **5F6200** is the 20% darker color. If you saturate the color by 10%, you get **969412**, and if you desaturate by 10%, it is **969430**.

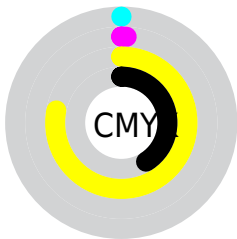
# Distribution



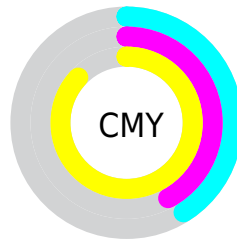
- Red (59%)
- Green (58%)
- Blue (13%)



- Red (14%)
- Yellow (59%)
- Blue (13%)



- Cyan (0%)
- Magenta (1%)
- Yellow (78%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 969421 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 969421 by changing the saturation by 10% instead.





969421



969421

FFFFFF



7A7A00



CFCA58



5F6200



ECE673



454A00



FFFF8E



2B3400



FFFFA9



131F00



FFFC5



000000



FFFE2



969421



969421



969412



969430

■ 969303

■ 96953F

■ 969300

■ 96954E

■ 96955D

■ 96956C

■ 96967B

■ 96968A

■ 969699

■ 9696A8

# Harmonies

## Analogous

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



C28229



969421



5DA040

# Triad

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



969421



00A6D3



DD65AF

# Complementary

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



969421



212396

# 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.



AE79DB



969421



009EF0

# Square

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



969421



00A8A4



558EF3



EC607C

# Rectangle

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



969421



18A55F



558EF3



D16BBF



# Sweetspot

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



969421



C2C195



962125



616046



E0E0E0



616161



# Same Dimension

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



969421



C2BF0C



5F9621



4A4A43



8A8700



0A0A00



# Inverse Universe

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



212396



0C0FC2



582196



43434A



00028A



00000A



# Previews

## White Background



This preview shows how the Hex color 969421 looks on a white background.

## Color Contrast Check

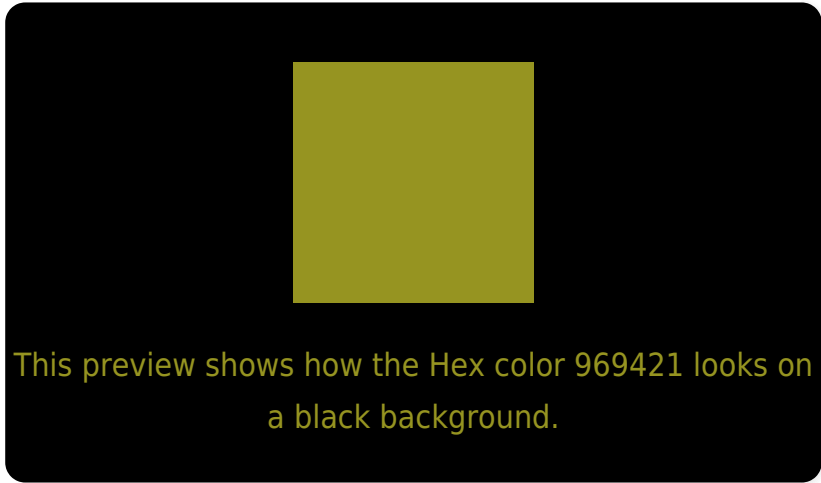
Large Text (above 18pt) WCAG AA ✓ Pass

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 969421 Background



This preview shows how black text looks on a background with the Hex color 969421.



This preview shows how white text looks on a background with the Hex color 969421.

# 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**  
969421

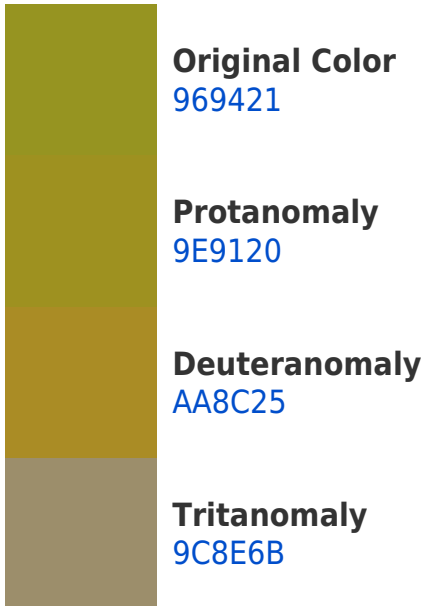
**Protanopia**  
A29020

**Deuteranopia**  
B58827

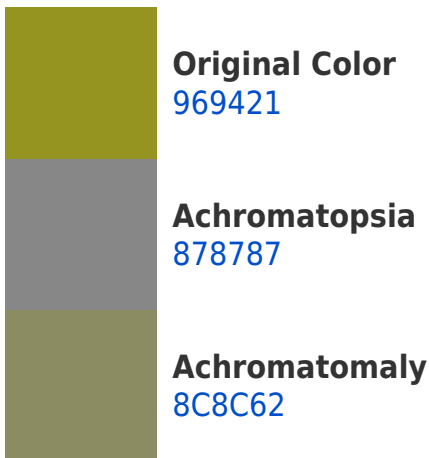


**Tritanopia**  
9F8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 969421 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 #969421 looks like.

```
.text, #text, p{  
    color:#969421  
}
```

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 #969421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969421
}
```

## Border

The CSS property to change the border of an element to Hex 969421 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
#969421 }
```

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

```
.border{ border-color:#969421 }
```

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

Here you see how a box with a 4 pixel #969421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969421; -webkit-box-shadow:4px 4px  
4px 4px #969421; box-shadow:4px 4px 4px  
4px #969421 }
```

# Background

The CSS property to change the background color of an element to Hex 969421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969421 }
```

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

```
.background{ background-color:#969421 }
```

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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