

# Converting Colors

Hex(999E21)

Have a look what the booklet for  
Hex(999E21) contains.

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**Color**

**Hex(999E21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999E21
RGB	153, 158, 33
RGB Percent	60%, 62%, 13%
CMY	0.4000, 0.3804, 0.8706
CMYK	0.03, 0.00, 0.79, 0.38
HSL	62°, 65%, 37%
HSV	62°, 79%, 62%
XYZ	25.6382, 31.3358, 6.1360
YIQ	142.2550, 37.1450, -39.9350

# Conversions

## Conversions Part 2

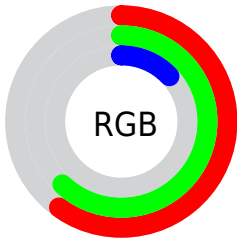
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 158, 38
Decimal	10067489
CIELab	62.79, -16.55, 59.17
CIELCh	63, 61.438, 105.627
Yxy	31.3358, 0.4062, 0.4965
Android (android.graphics.Color)	4288257569 (0xFF999E21)
YUV	142.2550, -53.8627, 9.4234
Hunter-Lab	55.9784, -16.2088, 32.6859

# Details

The Hex color **999E21** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **26219E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D2D459**, and **626B00** is the 20% darker color. If you saturate the color by 10%, you get **989E11**, and if you desaturate by 10%, it is **9A9E31**.

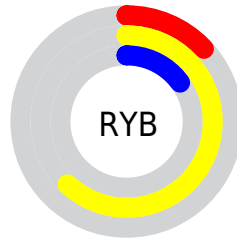
# Distribution



Red (60%)

Green (62%)

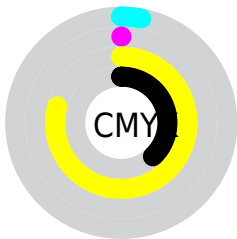
Blue (13%)



Red (13%)

Yellow (62%)

Blue (15%)

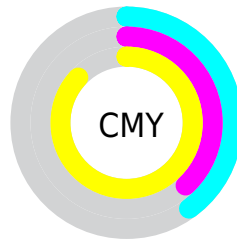


Cyan (3%)

Magenta (0%)

Yellow (79%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999E21 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 999E21 by changing the saturation by 10% instead.





999E21



999E21

FFFFFF



7D8400



D2D459



626B00



F0F174



485300



FFFF90



2D3C00



FFFFAB



142600



FFFFC8



001100



FFFFE4



000000



999E21



999E21



989E11



9A9E31

 989E01

 9A9E41

 989E00

 9B9E50

 9C9E60

 9C9E70

 9D9E80

 9D9E90

 9E9E9F

 9F9EAF

# Harmonies

## Analogous

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



CA8C26



999E21



59AA47

# Triad

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



999E21



00AFE5



EE68B5

# Complementary

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



999E21



26219E

# 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.



BF7DE5



999E21



00A5FF

# Square

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



999E21



00B2B4



6494FF



FB657E

# Rectangle

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



999E21



00AF68



6494FF



E26EC6



# Sweetspot

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



999E21



CDCF9D



9E2521



67694A



E8E8E8



696969



# Same Dimension

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



999E21



C7CF0A



5B9E21



4F4F47



898F00



0F0F00



# Inverse Universe

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



26219E



120ACF



64219E



47474F



06008F



01000F



# Previews

## White Background



This preview shows how the Hex color 999E21 looks on a white background.

## Color Contrast Check

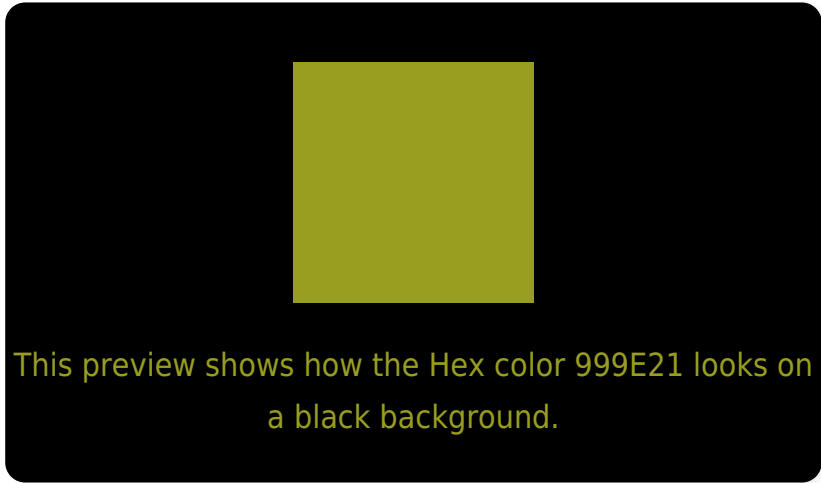
Large Text (above 18pt) WCAG AA × Fail

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 999E21 Background



This preview shows how black text looks on a background with the Hex color 999E21.



This preview shows how white text looks on a background with the Hex color 999E21.

# 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**  
999E21

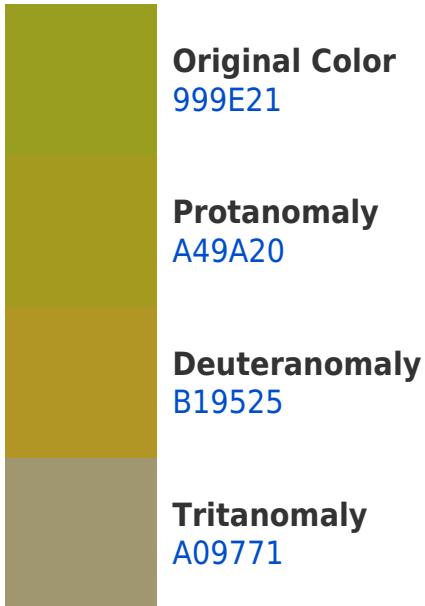
**Protanopia**  
AB981F

**Deuteranopia**  
BF9028

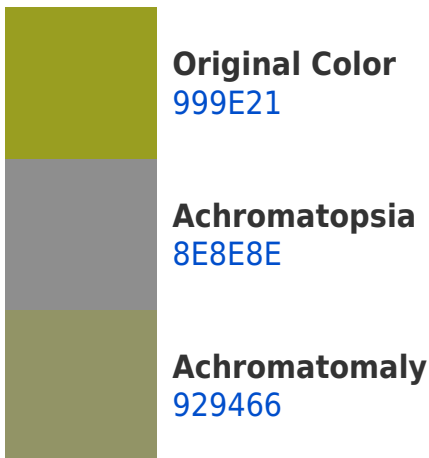


**Tritanopia**  
A4939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999E21 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 #999E21 looks like.

```
.text, #text, p{  
    color:#999E21  
}
```

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 #999E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999E21
}
```

## Border

The CSS property to change the border of an element to Hex 999E21 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
#999E21 }
```

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

```
.border{ border-color:#999E21 }
```

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

Here you see how a box with a 4 pixel #999E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999E21; -webkit-box-shadow:4px 4px  
4px 4px #999E21; box-shadow:4px 4px 4px  
4px #999E21 }
```

# Background

The CSS property to change the background color of an element to Hex 999E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999E21 }
```

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

```
.background{ background-color:#999E21 }
```

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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