

# Converting Colors

Hex(009E21)

Have a look what the booklet for  
Hex(009E21) contains.

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**Color**

**Hex(009E21)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009E21
RGB	0, 158, 33
RGB Percent	0%, 62%, 13%
CMY	1.0000, 0.3804, 0.8706
CMYK	1.00, 0.00, 0.79, 0.38
HSL	133°, 100%, 31%
HSV	133°, 100%, 62%
XYZ	12.5014, 24.5635, 5.5212
YIQ	96.5080, -54.0430, -72.3710

# Conversions

## Conversions Part 2

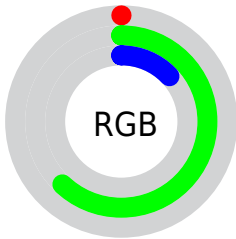
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 158
Decimal	40481
CIELab	56.65, -58.86, 51.23
CIELCh	57, 78.029, 138.965
Yxy	24.5635, 0.2936, 0.5768
Android (android.graphics.Color)	4278230561 (0xFF009E21)
YUV	96.5080, -31.3094, -84.6375
Hunter-Lab	49.5616, -41.7081, 28.0882

# Details

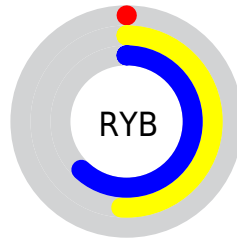
The Hex color **009E21** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9E007D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5AD658**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **009E21**, and if you desaturate by 10%, it is **109E2E**.

# Distribution



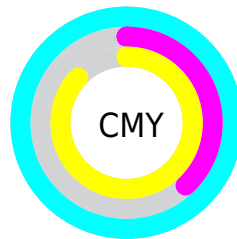
- Red (0%)
- Green (62%)
- Blue (13%)



- Red (0%)
- Yellow (51%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009E21 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 009E21 by changing the saturation by 10% instead.



 009E21

 009E21

FFFFFF

 008300

 5AD658

 006900

 79F372

 004F00

 97FF8D

 003700

 B4FFA9

 001F00

 D2FFC5

 000000

 F1FFE1

 009E21

 109E2E

 209E3A

 2F9E47

 3F9E53

 4F9E60

 5F9E6C

 6F9E79

 7E9E85

 8E9E92

# Harmonies

## Analogous

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



7C9200



009E21



00A46C

# Triad

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



009E21



0098FF



FD3860

# Complementary

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



009E21



9E007D

# 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.



F339A4



009E21



3A81FF

# Square

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



009E21



00A2EE



BE5EE2



E65C1D

# Rectangle

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



009E21



00A59B



BE5EE2



FE3177



# Sweetspot

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



009E21



91CF9E



7E9E00



43694B



E8E8E8



696969



# Same Dimension

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



009E21



00CF2B



009E6F



474F49



008F1E



000F03



# Inverse Universe

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



9E007D



CF00A3



9E002F



4F474D



8F0071

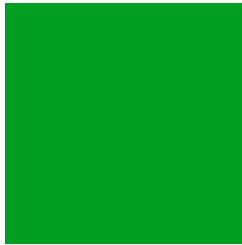


0F000C



# Previews

## White Background



This preview shows how the Hex color 009E21 looks on a white background.

## Color Contrast Check

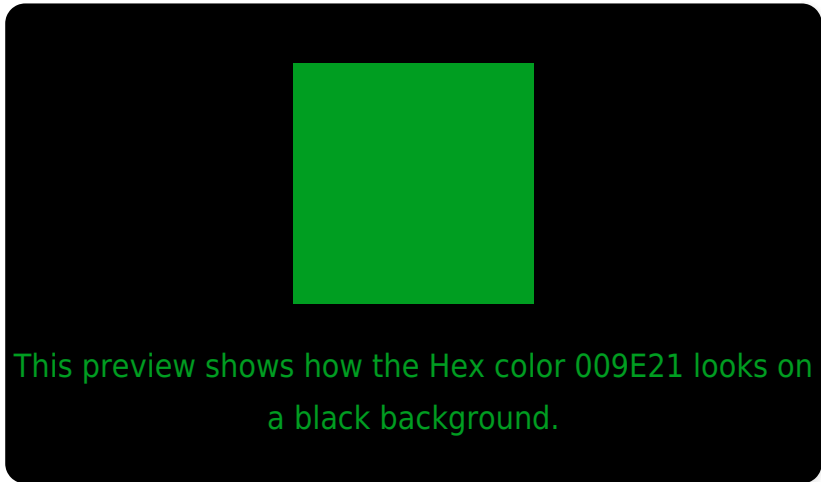
Large Text (above 18pt) WCAG AA ✓ Pass

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 009E21 Background



This preview shows how black text looks on a background with the Hex color 009E21.



This preview shows how white text looks on a background with the Hex color 009E21.

# 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**  
41939F

# Trichromacy



**Original Color**

009E21



**Protanomaly**

618F1D



**Deuteranomaly**

6C8B2A



**Tritanomaly**

299771

# Monochromacy



**Original Color**

009E21



**Achromatopsia**

616161



**Achromatomaly**

3E774A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009E21 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 #009E21 looks like.

```
.text, #text, p{  
    color:#009E21  
}
```

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 #009E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009E21
}
```

## Border

The CSS property to change the border of an element to Hex 009E21 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
#009E21 }
```

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

```
.border{ border-color:#009E21 }
```

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

Here you see how a box with a 4 pixel #009E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009E21; -webkit-box-shadow:4px 4px  
4px 4px #009E21; box-shadow:4px 4px 4px  
4px #009E21 }
```

# Background

The CSS property to change the background color of an element to Hex 009E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009E21 }
```

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

```
.background{ background-color:#009E21 }
```

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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