

# Converting Colors

Hex(41A000)

Have a look what the booklet for  
Hex(41A000) contains.

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**Color**

**Hex(41A000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41A000
RGB	65, 160, 0
RGB Percent	25%, 63%, 0%
CMY	0.7451, 0.3725, 1.0000
CMYK	0.59, 0.00, 1.00, 0.37
HSL	96°, 100%, 31%
HSV	96°, 100%, 63%
XYZ	14.7508, 26.2654, 4.2923
YIQ	113.3550, -5.2600, -69.9000

# Conversions

## Conversions Part 2

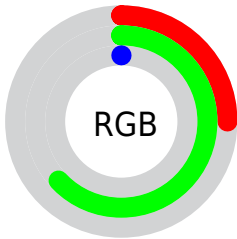
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 160, 95
Decimal	4300800
CIELab	58.29, -51.51, 60.02
CIELCh	58, 79.090, 130.639
Yxy	26.2654, 0.3256, 0.5797
Android (android.graphics.Color)	4282490880 (0xFF41A000)
YUV	113.3550, -55.8840, -42.4073
Hunter-Lab	51.2498, -38.3111, 30.9092

# Details

The Hex color **41A000** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5F00A0**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7CD848**, and **006B00** is the 20% darker color. If you saturate the color by 10%, you get **41A000**, and if you desaturate by 10%, it is **4AA010**.

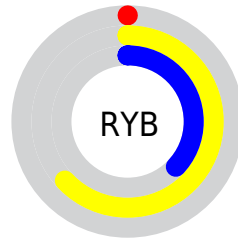
# Distribution



Red (25%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (37%)

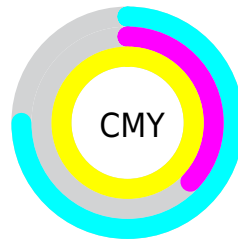


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (75%)

Magenta (37%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41A000 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 41A000 by changing the saturation by 10% instead.



 41A000

 41A000

FFFFFF

 1D8500

 7CD848

 006B00

 99F463

 005200

 B6FF7F

 003A00

 D4FF9A

 002300

 F2FFB7

 000000

 FFFFD3

 FFFFF0

 41A000

 4AA010

 54A020

 5EA030


 67A040

 71A050

 7AA060

 84A070

 8DA080

 97A090

# Harmonies

## Analogous

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



939100



41A000



00A85B

# Triad

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



41A000



00A0FF



FF3677

# Complementary

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



41A000



5F00A0

# 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.



EF45BC



41A000



008DFF

# Square

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



41A000



00A9E5



AC6DF6



F65534

# Rectangle

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



41A000



00AA8C



AC6DF6



FF358E



# Sweetspot

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



41A000



ACD192



A05D00



526943



E8E8E8



696969



# Same Dimension

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



41A000



55D100



00A00D



4A4F47



3A8F00



060F00



# Inverse Universe

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



5F00A0



7C00D1



A00093



4C474F



55008F



09000F



# Previews

## White Background



This preview shows how the Hex color 41A000 looks on a white background.

## Color Contrast Check

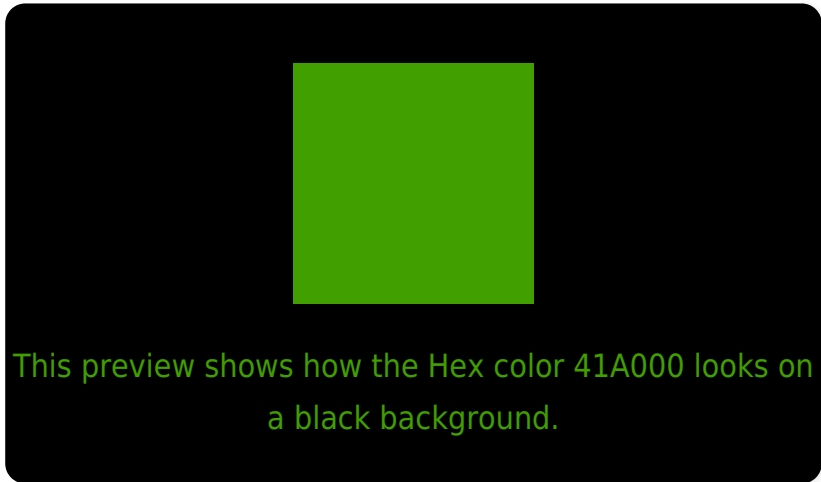
Large Text (above 18pt) WCAG AA ✓ Pass

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 41A000 Background



This preview shows how black text looks on a background with the Hex color 41A000.

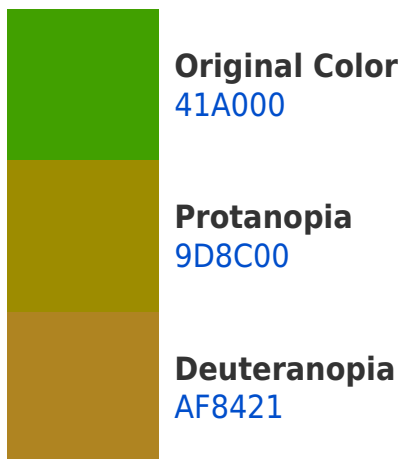


This preview shows how white text looks on a background with the Hex color 41A000.

# 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**  
5B95A1

# Trichromacy



**Original Color**  
41A000



**Protanomaly**  
7C9300



**Deuteranomaly**  
878E15



**Tritanomaly**  
529966

# Monochromacy



**Original Color**  
41A000



**Achromatopsia**  
717171



**Achromatomaly**  
608248

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41A000 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 #41A000 looks like.

```
.text, #text, p{  
    color:#41A000  
}
```

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 #41A000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A000
}
```

## Border

The CSS property to change the border of an element to Hex 41A000 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
#41A000 }
```

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

```
.border{ border-color:#41A000 }
```

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

Here you see how a box with a 4 pixel #41A000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A000; -webkit-box-shadow:4px 4px  
4px 4px #41A000; box-shadow:4px 4px 4px  
4px #41A000 }
```

# Background

The CSS property to change the background color of an element to Hex 41A000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A000 }
```

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

```
.background{ background-color:#41A000 }
```

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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