

# Converting Colors

Hex(11A400)

Have a look what the booklet for  
Hex(11A400) contains.

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**Color**

**Hex(11A400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11A400
RGB	17, 164, 0
RGB Percent	7%, 64%, 0%
CMY	0.9333, 0.3569, 1.0000
CMYK	0.90, 0.00, 1.00, 0.36
HSL	114°, 100%, 32%
HSV	114°, 100%, 64%
XYZ	13.5066, 26.6701, 4.4360
YIQ	101.3510, -34.9680, -82.1680

# Conversions

## Conversions Part 2

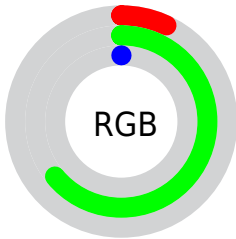
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 164, 147
Decimal	1156096
CIELab	58.67, -60.92, 59.92
CIELCh	59, 85.452, 135.477
Yxy	26.6701, 0.3028, 0.5978
Android (android.graphics.Color)	4279346176 (0xFF11A400)
YUV	101.3510, -49.9660, -73.9758
Hunter-Lab	51.6431, -43.6909, 31.0573

# Details

The Hex color **11A400** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9300A4**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **61DC48**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **11A400**, and if you desaturate by 10%, it is **20A410**.

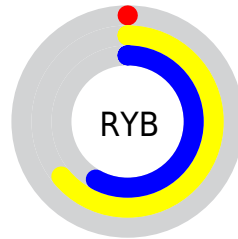
# Distribution



Red (7%)

Green (64%)

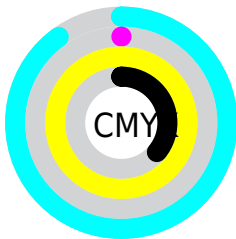
Blue (0%)



Red (0%)

Yellow (64%)

Blue (58%)

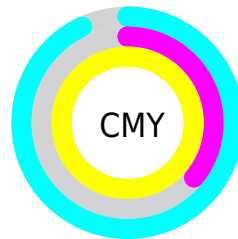


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (93%)

Magenta (36%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11A400 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 11A400 by changing the saturation by 10% instead.



 11A400

 11A400

FFFFFF

 008900

 61DC48

 006E00

 80F964

 005500

 9EFF7F

 003C00

 BCFF9B

 002400

 DAFFB7

 000000

 F9FFD4

 FFFFF1

 11A400

 20A410

 2EA421

 3DA431

 4CA442

 5BA452

 69A462

 78A473

 87A483

 95A494

# Harmonies

## Analogous

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



879600



11A400



00AB65

# Triad

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



11A400



00A0FF



FF276A

# Complementary

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



11A400



9300A4

# 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.



FE32B5



11A400



0089FF

# Square

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



11A400



00ABF8



BE63F8



F8561F

# Rectangle

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



11A400



00AD99



BE63F8



FF1F83



# Sweetspot

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



11A400



9DD696



A49100



496B45



EBEBEB



6B6B6B



# Same Dimension

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



11A400



16D600



00A43F



4A5249



0F9100



021200



# Inverse Universe

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



9300A4



C000D6



A40065



514952



820091

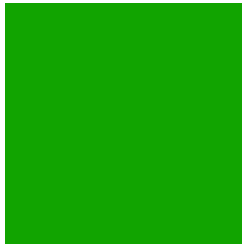


100012



# Previews

## White Background



This preview shows how the Hex color 11A400 looks on a white background.

## Color Contrast Check

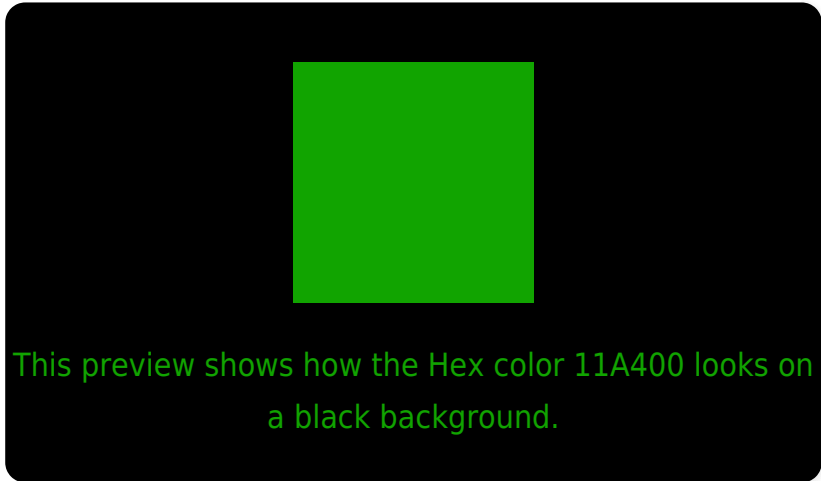
Large Text (above 18pt) WCAG AA ✓ Pass

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 11A400 Background



This preview shows how black text looks on a background with the Hex color 11A400.

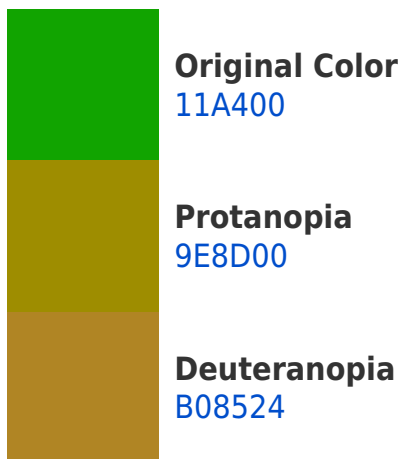


This preview shows how white text looks on a background with the Hex color 11A400.

# 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](#).

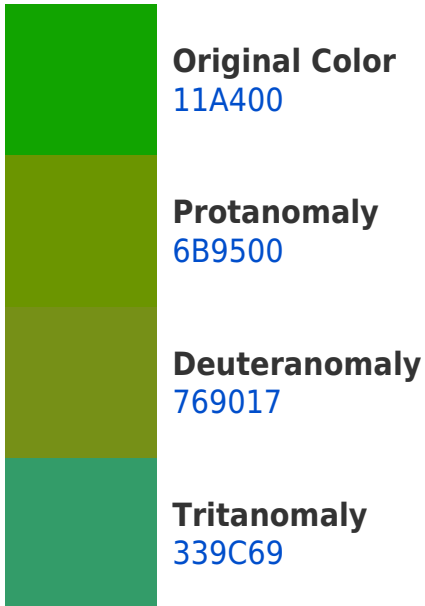
## Dichromacy



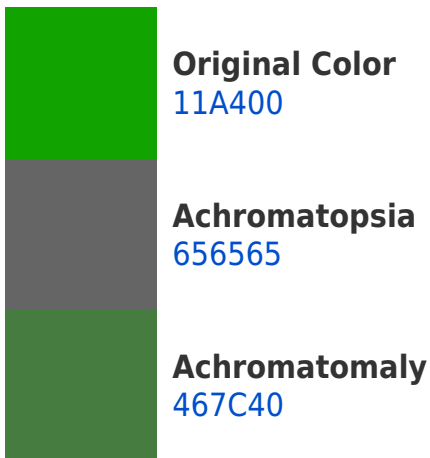


**Tritanopia**  
4698A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11A400 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 #11A400 looks like.

```
.text, #text, p{  
    color:#11A400  
}
```

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 #11A400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11A400
}
```

## Border

The CSS property to change the border of an element to Hex 11A400 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
#11A400 }
```

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

```
.border{ border-color:#11A400 }
```

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

Here you see how a box with a 4 pixel #11A400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11A400; -webkit-box-shadow:4px 4px  
4px 4px #11A400; box-shadow:4px 4px 4px  
4px #11A400 }
```

# Background

The CSS property to change the background color of an element to Hex 11A400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11A400 }
```

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

```
.background{ background-color:#11A400 }
```

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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