

Converting Colors

Hex(96D400)

Have a look what the booklet for
Hex(96D400) contains.

Hex(96D400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(96D400)

Conversions

Conversions Part 1

Format	Color
Hex	96D400
RGB	150, 212, 0
RGB Percent	59%, 83%, 0%
CMY	0.4118, 0.1686, 1.0000
CMYK	0.29, 0.00, 1.00, 0.17
HSL	78°, 100%, 42%
HSV	78°, 100%, 83%
XYZ	36.1212, 53.5710, 8.4365
YIQ	169.2940, 31.1000, -79.0760

Conversions

Conversions Part 2

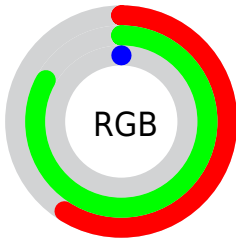
Format	Color
RYB	0, 212, 62
Decimal	9884672
CIELab	78.21, -43.91, 77.17
CIELCh	78, 88.788, 119.642
Yxy	53.5710, 0.3681, 0.5459
Android (android.graphics.Color)	4288074752 (0xFF96D400)
YUV	169.2940, -83.4619, -16.9208
Hunter-Lab	73.1922, -39.9947, 44.4005

Details

The Hex color **96D400** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **3E00D4**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D1FF55**, and **5C9D00** is the 20% darker color. If you saturate the color by 10%, you get **96D400**, and if you desaturate by 10%, it is **9CD415**.

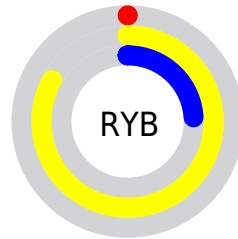
Distribution



Red (59%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (24%)

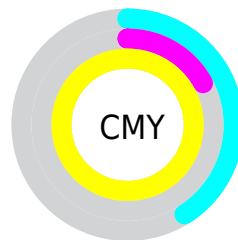


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (41%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D400 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 96D400 by changing the saturation by 10% instead.

 96D400

 96D400

FFFFFF

 79B800

 D1FF55

 5C9D00

 EFFF72

 3E8300

 FFFF8F

 1C6900

 FFFFAC

 005000

 FFFFCA

 003800

 FFFF E7

 002300

 000000

 96D400

 9CD415

 A2D42A

 A9D440

 AFD455

 B5D46A

 BBD47F

 C1D494

 C8D4AA

 CED4BF

Harmonies

Analogous

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



E8BD00



96D400



00E168

Triad

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



96D400



00DFFF



FF67C6

Complementary

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



96D400



3E00D4

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.



FF83FF



96D400



00CCFF

Square

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



96D400



00E6FF



BAACFF



FF7775

Rectangle

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



96D400



00E5A1



BAACFF



FF6DE2

Sweetspot

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



96D400



E9FFB3



D43C00



728052



000000



808080

Same Dimension

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



96D400



B4FF00



2ED400



686B60



79AB00



1F2B00

Inverse Universe

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



3E00D4



4B00FF



A600D4



64606B



3200AB



0D002B

Previews

White Background



This preview shows how the Hex color 96D400 looks on a white background.

Color Contrast Check

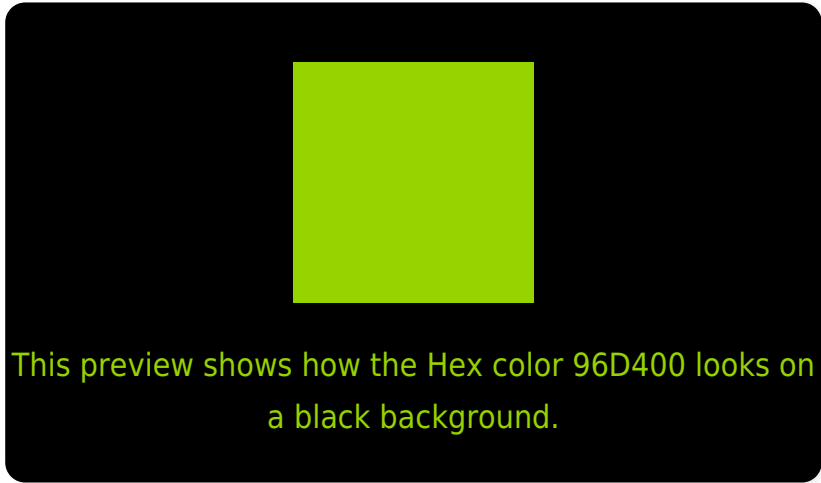
Large Text (above 18pt) WCAG AA × Fail

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 96D400 Background



This preview shows how black text looks on a background with the Hex color 96D400.

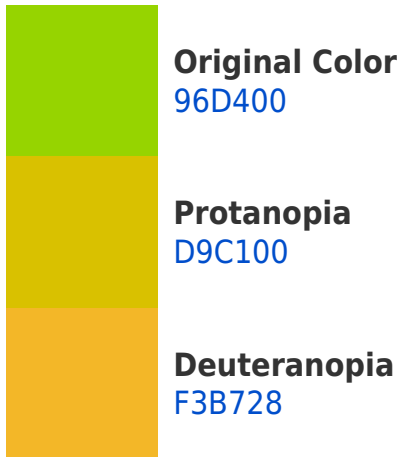


This preview shows how white text looks on a background with the Hex color 96D400.

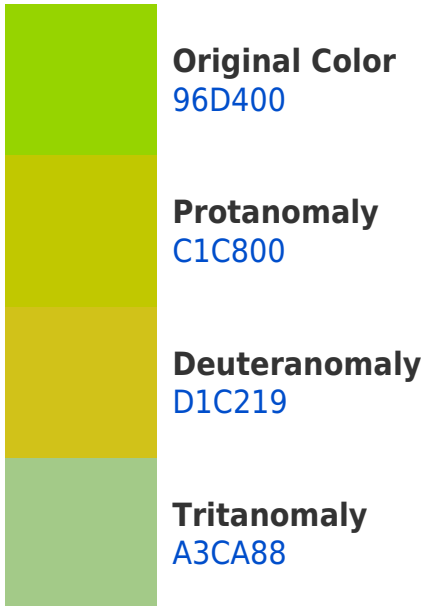
Color Blindness Simulation

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](#).

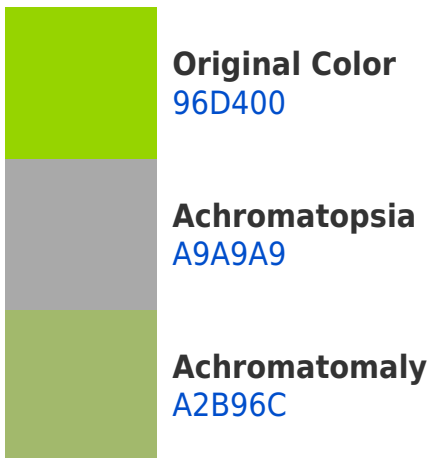
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96D400 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 #96D400 looks like.

```
.text, #text, p{  
    color:#96D400  
}
```

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 #96D400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D400
}
```

Border

The CSS property to change the border of an element to Hex 96D400 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
#96D400 }
```

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

```
.border{ border-color:#96D400 }
```

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

Here you see how a box with a 4 pixel #96D400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D400; -webkit-box-shadow:4px 4px  
4px 4px #96D400; box-shadow:4px 4px 4px  
4px #96D400 }
```

Background

The CSS property to change the background color of an element to Hex 96D400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D400 }
```

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

```
.background{ background-color:#96D400 }
```

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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