

Converting Colors

Hex(96D71D)

Have a look what the booklet for
Hex(96D71D) contains.

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Color

Hex(96D71D)

Conversions

Conversions Part 1

Format	Color
Hex	96D71D
RGB	150, 215, 29
RGB Percent	59%, 84%, 11%
CMY	0.4118, 0.1569, 0.8863
CMYK	0.30, 0.00, 0.87, 0.16
HSL	81°, 76%, 48%
HSV	81°, 87%, 84%
XYZ	37.0999, 55.1736, 9.8566
YIQ	174.3610, 20.9660, -71.6260

Conversions

Conversions Part 2

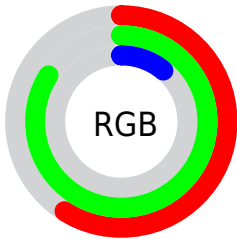
Format	Color
R_{YB}	29, 215, 94
Decimal	9885469
CIE Lab	79.14, -44.68, 74.23
CIE LCh	79, 86.644, 121.043
Yxy	55.1736, 0.3633, 0.5402
Android (android.graphics.Color)	4288075549 (0xFF96D71D)
YUV	174.3610, -71.6630, -21.3646
Hunter-Lab	74.2789, -40.8333, 44.1276

Details

The Hex color **96D71D** 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 **5E1DD7**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **D1FF5F**, and **5CA000** is the 20% darker color. If you saturate the color by 10%, you get **8ED708**, and if you desaturate by 10%, it is **9ED733**.

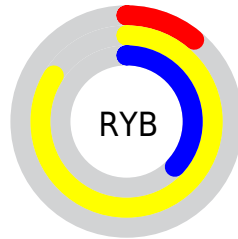
Distribution



Red (59%)

Green (84%)

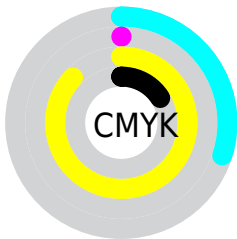
Blue (11%)



Red (11%)

Yellow (84%)

Blue (37%)

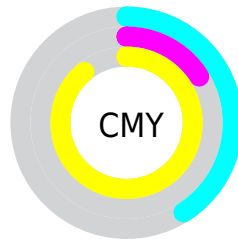


Cyan (30%)

Magenta (0%)

Yellow (87%)

Black (16%)



Cyan (41%)

Magenta (16%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D71D 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 96D71D by changing the saturation by 10% instead.

 96D71D

 96D71D

FFFFFF

 79BB00

 D1FF5F

 5CA000

 EFFF7C

 3E8500

 FFFF99

 1D6C00

 FFFFB6

 005300

 FFFFD3

 003B00

 FFFFF1

 002600

 000000

 96D71D

 96D71D

■ 8ED708

■ 9ED733

■ 8CD700

■ A5D748

■ ADD75E

■ B4D773

■ BCD789

■ C3D79E

■ CBD7B4

■ D2D7C9

■ DAD7DF

Harmonies

Analogous

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



E7C100



96D71D



00E371

Triad

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



96D71D



00E0FF



FF6EC5

Complementary

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



96D71D



5E1DD7

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.



FF86FF



96D71D



00CDFF

Square

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



96D71D



00E8FF



C4ADFF



FF7E76

Rectangle

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



96D71D



00E7A8



C4ADFF



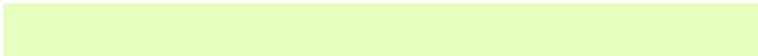
FF72E0

Sweetspot

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



96D71D



E8FFBD



D75B1D



728058



000000



808080

Same Dimension

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



96D71D



A6FF00



3CD71D



676B60



6FAB00



1C2B00

Inverse Universe

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



5E1DD7



5900FF



B81DD7



64606B



3C00AB



0F002B

Previews

White Background



This preview shows how the Hex color 96D71D looks on a white background.

Color Contrast Check

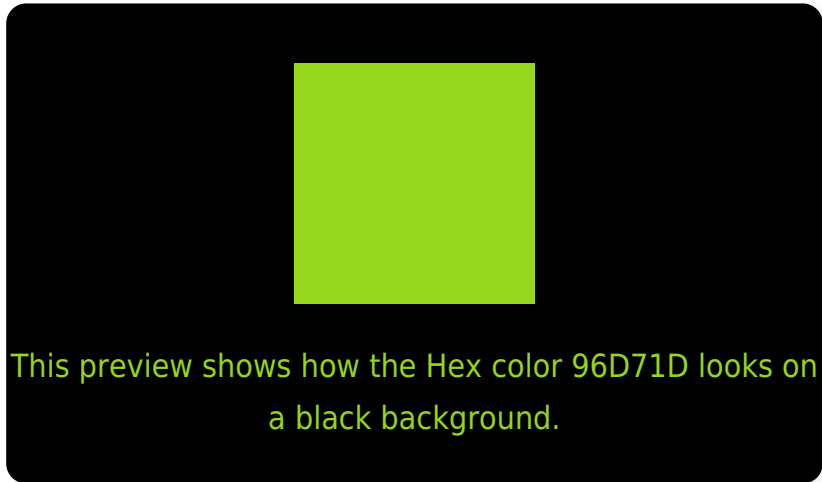
Large Text (above 18pt) WCAG AA × Fail

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 96D71D Background



This preview shows how black text looks on a background with the Hex color 96D71D.



This preview shows how white text looks on a background with the Hex color 96D71D.

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

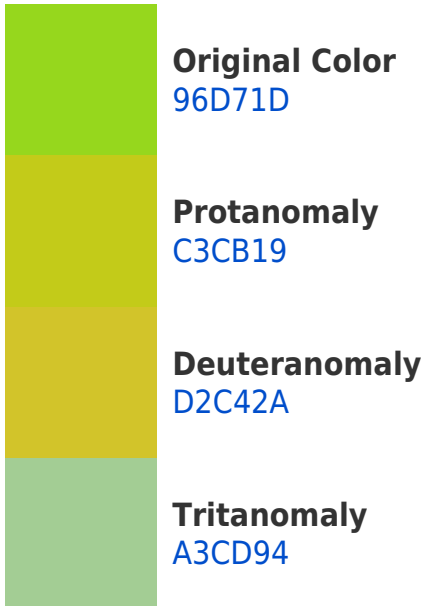


Original Color
96D71D

Protanopia
DCC417

Deuteranopia
F5B931

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96D71D 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 #96D71D looks like.

```
.text, #text, p{  
    color:#96D71D  
}
```

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 #96D71D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D71D
}
```

Border

The CSS property to change the border of an element to Hex 96D71D 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
#96D71D }
```

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

```
.border{ border-color:#96D71D }
```

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

Here you see how a box with a 4 pixel #96D71D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D71D; -webkit-box-shadow:4px 4px  
4px 4px #96D71D; box-shadow:4px 4px 4px  
4px #96D71D }
```

Background

The CSS property to change the background color of an element to Hex 96D71D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D71D }
```

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

```
.background{ background-color:#96D71D }
```

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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