

Converting Colors

Hex(96D415)

Have a look what the booklet for
Hex(96D415) contains.

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Color

Hex(96D415)

Conversions

Conversions Part 1

Format	Color
Hex	96D415
RGB	150, 212, 21
RGB Percent	59%, 83%, 8%
CMY	0.4118, 0.1686, 0.9176
CMYK	0.29, 0.00, 0.90, 0.17
HSL	79°, 82%, 46%
HSV	79°, 90%, 83%
XYZ	36.2565, 53.6251, 9.1492
YIQ	171.6880, 24.3590, -72.5450

Conversions

Conversions Part 2

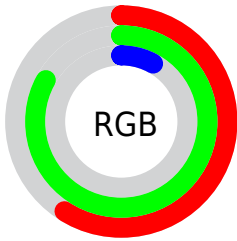
Format	Color
R _Y B	21, 212, 83
Decimal	9884693
CIE Lab	78.24, -43.60, 74.89
CIE LCh	78, 86.654, 120.207
Yxy	53.6251, 0.3661, 0.5415
Android (android.graphics.Color)	4288074773 (0xFF96D415)
YUV	171.6880, -74.2892, -19.0204
Hunter-Lab	73.2292, -39.7739, 43.8528

Details

The Hex color **96D415** 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 **5315D4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D1FF5B**, and **5C9D00** is the 20% darker color. If you saturate the color by 10%, you get **8FD400**, and if you desaturate by 10%, it is **9DD42A**.

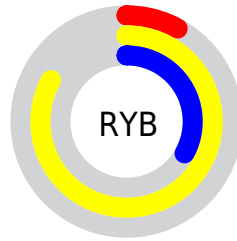
Distribution



Red (59%)

Green (83%)

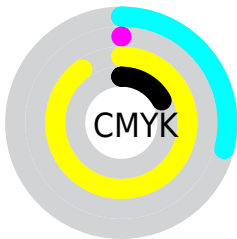
Blue (8%)



Red (8%)

Yellow (83%)

Blue (33%)

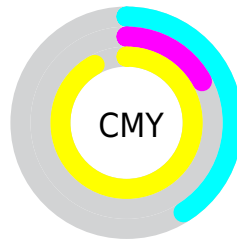


Cyan (29%)

Magenta (0%)

Yellow (90%)

Black (17%)



Cyan (41%)

Magenta (17%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D415 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 96D415 by changing the saturation by 10% instead.



96D415



96D415

FFFFFF



79B800



D1FF5B



5C9D00



FFFF78



3E8300



FFFF95



1D6900



FFFFB2



005000



FFFFCF



003800



FFFFED



002300



000000



96D415



96D415

 8FD400

 9DD42A

 A4D43F

 ABD455

 B2D46A

 B8D47F

 BFD494

 C6D4A9

 CDD4BF

 D4D4D4

Harmonies

Analogous

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



E6BE00



96D415



00E06C

Triad

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



96D415



00DEFF



FF6BC4

Complementary

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



96D415



5315D4

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.



FF85FF



96D415



00CBFF

Square

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



96D415



00E5FF



BDACFF



FF7A76

Rectangle

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



96D415



00E5A3



BDACFF



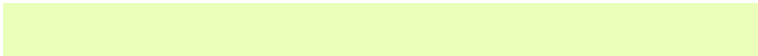
FF70E0

Sweetspot

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



96D415



E9FFBA



D45115



728057



000000



808080

Same Dimension

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



96D415



ACFF00



38D415



686B60



73AB00



1D2B00

Inverse Universe

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



5315D4



5300FF



B115D4



64606B



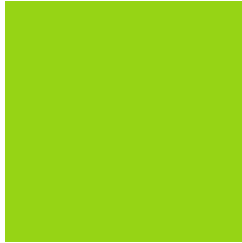
3700AB



0E002B

Previews

White Background



This preview shows how the Hex color 96D415 looks on a white background.

Color Contrast Check

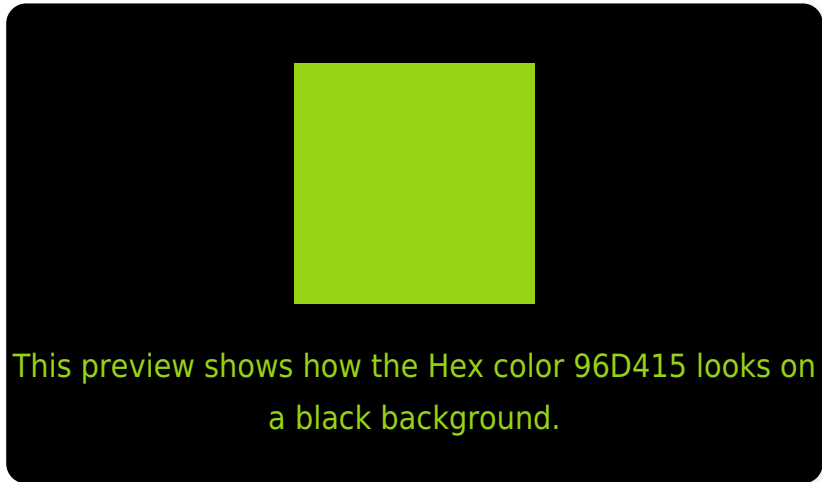
Large Text (above 18pt) WCAG AA × Fail

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 96D415 Background



This preview shows how black text looks on a background with the Hex color 96D415.



This preview shows how white text looks on a background with the Hex color 96D415.

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
96D415

Protanopia
D9C10C

Deuteranopia
F3B72C

Trichromacy



Original Color
96D415

Protanomaly
C1C80F

Deuteranomaly
D1C224

Tritanomaly
A3CA8F

Monochromacy



Original Color
96D415

Achromatopsia
ACACAC

Achromatomaly
A4BB75

CSS Examples

Text

The CSS property to change the color of the text to Hex 96D415 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 #96D415 looks like.

```
.text, #text, p{  
    color:#96D415  
}
```

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 #96D415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D415
}
```

Border

The CSS property to change the border of an element to Hex 96D415 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
#96D415 }
```

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

```
.border{ border-color:#96D415 }
```

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

Here you see how a box with a 4 pixel #96D415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D415; -webkit-box-shadow:4px 4px  
4px 4px #96D415; box-shadow:4px 4px 4px  
4px #96D415 }
```

Background

The CSS property to change the background color of an element to Hex 96D415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D415 }
```

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

```
.background{ background-color:#96D415 }
```

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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