

Converting Colors

Hex(96D441)

Have a look what the booklet for
Hex(96D441) contains.

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Color

Hex(96D441)

Conversions

Conversions Part 1

Format	Color
Hex	96D441
RGB	150, 212, 65
RGB Percent	59%, 83%, 25%
CMY	0.4118, 0.1686, 0.7451
CMYK	0.29, 0.00, 0.69, 0.17
HSL	85°, 63%, 54%
HSV	85°, 69%, 83%
XYZ	37.0753, 53.9527, 13.4609
YIQ	176.7040, 10.2350, -58.8610

Conversions

Conversions Part 2

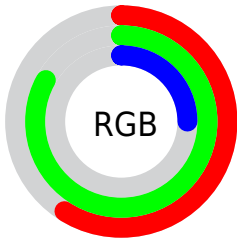
Format	Color
RYB	65, 212, 127
Decimal	9884737
CIELab	78.43, -41.71, 63.18
CIELCh	78, 75.712, 123.432
Yxy	53.9527, 0.3548, 0.5163
Android (android.graphics.Color)	4288074817 (0xFF96D441)
YUV	176.7040, -55.0701, -23.4194
Hunter-Lab	73.4525, -38.4436, 40.5513

Details

The Hex color **96D441** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **7F41D4**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D0FF79**, and **5E9D00** is the 20% darker color. If you saturate the color by 10%, you get **8DD42C**, and if you desaturate by 10%, it is **9FD456**.

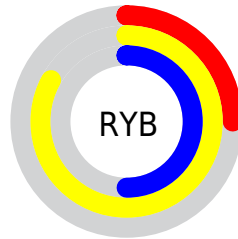
Distribution



Red (59%)

Green (83%)

Blue (25%)



Red (25%)

Yellow (83%)

Blue (50%)

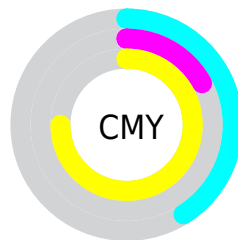


Cyan (29%)

Magenta (0%)

Yellow (69%)

Black (17%)



Cyan (41%)

Magenta (17%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D441 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 96D441 by changing the saturation by 10% instead.



96D441



96D441

FFFFFF



7AB822



D0FF79



5E9D00



EDFF94



418300



FFFFB1



236900



FFFFCD



005000



FFFEEA



003800



002400



000000



96D441



96D441

 8DD42C

 9FD456

 84D417

 A8D46B

 7BD401

 B1D481

 7BD400

 BAD496

 C3D4AB

 CCD4C0

 D5D4D5

 DED4EB

 E6D4FF

Harmonies

Analogous

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



DEC11E



96D441



00DF80

Triad

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



96D441



00DAFF



FF7DBD

Complementary

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



96D441



7F41D4

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.



FF8DFF



96D441



00C8FF

Square

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



96D441



00E2FF



CEACFF



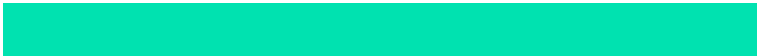
FF8A78

Rectangle

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



96D441



00E2B0



CEACFF



FF80D5

Sweetspot

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



96D441



E8FFC9



D47E41



728060



000000



808080

Same Dimension

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



96D441



A6FF2B



4DD441



676B60



63AB00



192B00

Inverse Universe

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



7F41D4



852BFF



C841D4



65606B



4800AB



12002B

Previews

White Background



This preview shows how the Hex color 96D441 looks on a white background.

Color Contrast Check

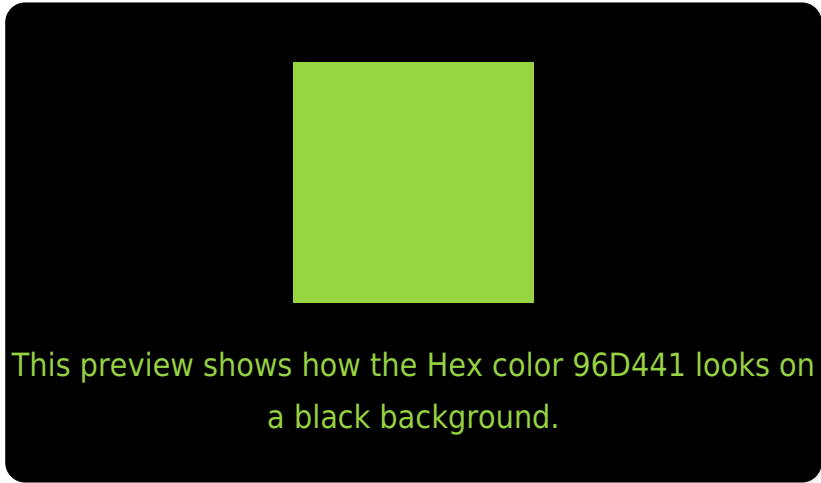
Large Text (above 18pt) WCAG AA × Fail

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 96D441 Background



This preview shows how black text looks on a background with the Hex color 96D441.

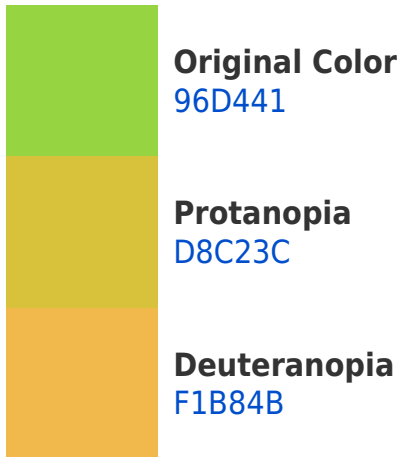


This preview shows how white text looks on a background with the Hex color 96D441.

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](#).

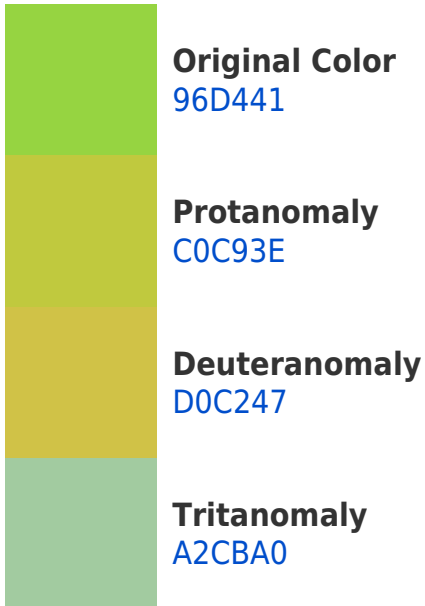
Dichromacy



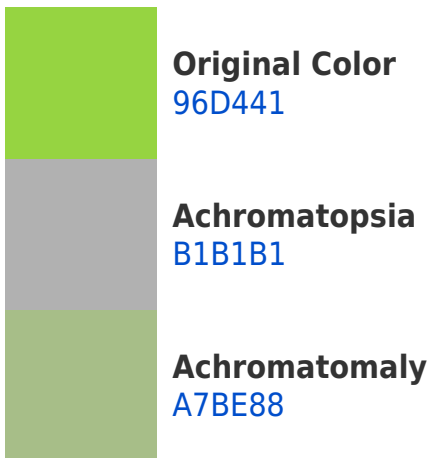


Tritanopia
A9C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96D441 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 #96D441 looks like.

```
.text, #text, p{  
    color:#96D441  
}
```

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 #96D441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D441
}
```

Border

The CSS property to change the border of an element to Hex 96D441 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
#96D441 }
```

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

```
.border{ border-color:#96D441 }
```

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

Here you see how a box with a 4 pixel #96D441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D441; -webkit-box-shadow:4px 4px  
4px 4px #96D441; box-shadow:4px 4px 4px  
4px #96D441 }
```

Background

The CSS property to change the background color of an element to Hex 96D441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D441 }
```

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

```
.background{ background-color:#96D441 }
```

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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