

Converting Colors

Hex(96D372)

Have a look what the booklet for
Hex(96D372) contains.

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Color

Hex(96D372)

Conversions

Conversions Part 1

Format	Color
Hex	96D372
RGB	150, 211, 114
RGB Percent	59%, 83%, 45%
CMY	0.4118, 0.1725, 0.5529
CMYK	0.29, 0.00, 0.46, 0.17
HSL	98°, 52%, 64%
HSV	98°, 46%, 83%
XYZ	38.9092, 54.2875, 24.3474
YIQ	181.7030, -5.2190, -43.0990

Conversions

Conversions Part 2

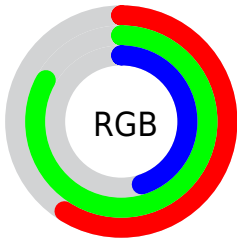
Format	Color
RYB	114, 211, 175
Decimal	9884530
CIELab	78.63, -36.63, 41.76
CIELCh	79, 55.547, 131.253
Yxy	54.2875, 0.3310, 0.4618
Android (android.graphics.Color)	4288074610 (0xFF96D372)
YUV	181.7030, -33.3776, -27.8035
Hunter-Lab	73.6800, -34.6772, 31.9838

Details

The Hex color **96D372** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AF72D3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CEFFA7**, and **609C3F** is the 20% darker color. If you saturate the color by 10%, you get **89D35D**, and if you desaturate by 10%, it is **A3D387**.

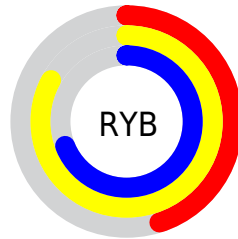
Distribution



Red (59%)

Green (83%)

Blue (45%)



Red (45%)

Yellow (83%)

Blue (69%)

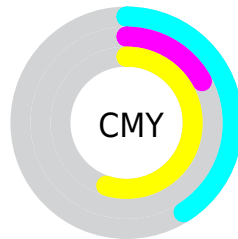


Cyan (29%)

Magenta (0%)

Yellow (46%)

Black (17%)



Cyan (41%)

Magenta (17%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D372 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 96D372 by changing the saturation by 10% instead.

 96D372

 96D372

FFFFFF

 7BB758

 CEFFA7

 609C3F

 EBFFC3

 458226

 FFFFDF

 2A6809

 FFFFFC

 0A5000

 003800

 002400

 000000

 96D372

 96D372

89D35D

A3D387

7BD348

B1D39C

6ED333

BED3B1

61D31E

CBD3C6

54D309

D8D3DB

4ED300

E6D3F1

F3D3FF

FFD3FF

Harmonies

Analogous

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



CFC659



96D372



47DBA0

Triad

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



96D372



00D1FF



FF97B1

Complementary

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



96D372



AF72D3

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.



FF9CE5



96D372



8FC1FF

Square

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



96D372



00DAFF



E0ADFF



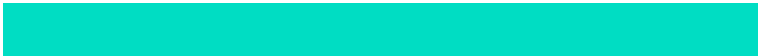
FFA281

Rectangle

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



96D372



00DDC3



E0ADFF



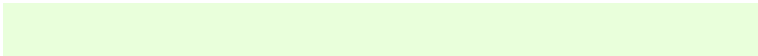
FF97C2

Sweetspot

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



96D372



E9FFDB



D3AE72



72806A



000000



808080

Same Dimension

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



96D372



A7FF73



72D37D



62695E



3EA800



0F2900

Inverse Universe

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



AF72D3



CB73FF



D372C8



655E69



6A00A8



1A0029

Previews

White Background



This preview shows how the Hex color 96D372 looks on a white background.

Color Contrast Check

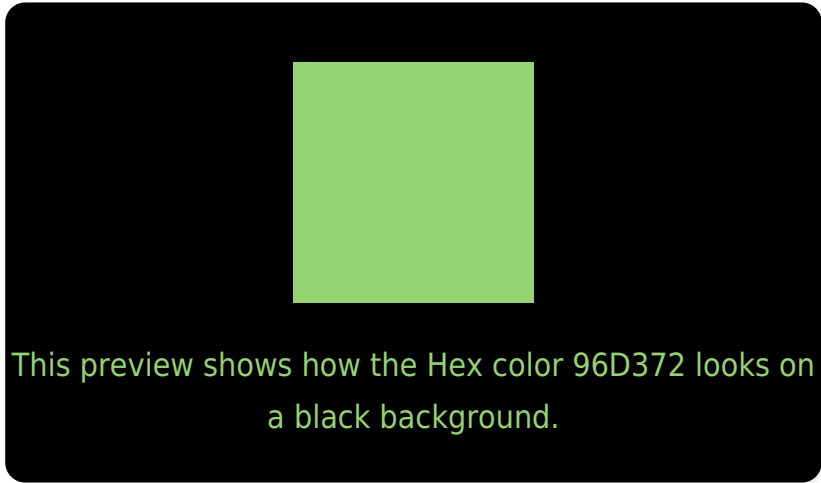
Large Text (above 18pt) WCAG AA × Fail

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 96D372 Background



This preview shows how black text looks on a background with the Hex color 96D372.

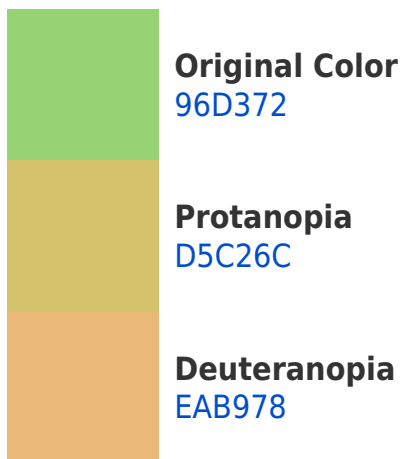


This preview shows how white text looks on a background with the Hex color 96D372.

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
A6C7D7

Trichromacy



Original Color
96D372



Protanomaly
BEC86E



Deuteranomaly
CBC276



Tritanomaly
A0CBB2

Monochromacy



Original Color
96D372



Achromatopsia
B6B6B6



Achromatomaly
AAC19D

CSS Examples

Text

The CSS property to change the color of the text to Hex 96D372 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 #96D372 looks like.

```
.text, #text, p{  
    color:#96D372  
}
```

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 #96D372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D372
}
```

Border

The CSS property to change the border of an element to Hex 96D372 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
#96D372 }
```

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

```
.border{ border-color:#96D372 }
```

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

Here you see how a box with a 4 pixel #96D372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D372; -webkit-box-shadow:4px 4px  
4px 4px #96D372; box-shadow:4px 4px 4px  
4px #96D372 }
```

Background

The CSS property to change the background color of an element to Hex 96D372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D372 }
```

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

```
.background{ background-color:#96D372 }
```

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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