

Converting Colors

Hex(96BD73)

Have a look what the booklet for
Hex(96BD73) contains.

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Color

Hex(96BD73)

Conversions

Conversions Part 1

Format	Color
Hex	96BD73
RGB	150, 189, 115
RGB Percent	59%, 74%, 45%
CMY	0.4118, 0.2588, 0.5490
CMYK	0.21, 0.00, 0.39, 0.26
HSL	92°, 36%, 60%
HSV	92°, 39%, 74%
XYZ	33.8698, 44.1170, 22.9500
YIQ	168.9030, 0.5100, -31.2820

Conversions

Conversions Part 2

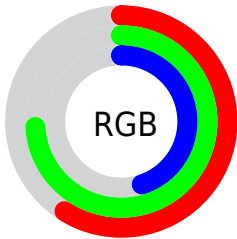
Format	Color
RYB	115, 189, 154
Decimal	9878899
CIELab	72.31, -26.15, 33.23
CIELCh	72, 42.284, 128.202
Yxy	44.1170, 0.3356, 0.4371
Android (android.graphics.Color)	4288068979 (0xFF96BD73)
YUV	168.9030, -26.5742, -16.5779
Hunter-Lab	66.4206, -25.2139, 26.0083

Details

The Hex color **96BD73** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9A73BD**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **CDF5A8**, and **628741** is the 20% darker color. If you saturate the color by 10%, you get **8CBD60**, and if you desaturate by 10%, it is **A0BD86**.

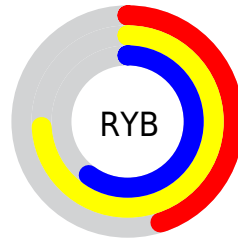
Distribution



Red (59%)

Green (74%)

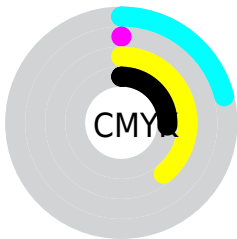
Blue (45%)



Red (45%)

Yellow (74%)

Blue (60%)

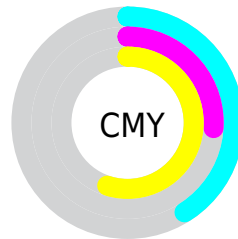


Cyan (21%)

Magenta (0%)

Yellow (39%)

Black (26%)



Cyan (41%)

Magenta (26%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96BD73 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 96BD73 by changing the saturation by 10% instead.

 96BD73

 96BD73

FFFFFF

 7BA25A

 CDF5A8

 628741

 EAFFC3

 486E2A

 FFFFEO

 305512

 FFFFFC

 183E00

 002800

 000F00

 000000

 96BD73

 96BD73

 8CBD60

 A0BD86

 82BD4D

 AABD99

 78BD3A

 B4BDAC

 6EBD27

 BEBDBF

 64BD14

 C8BDD2

 5ABD02

 D2BDE4

 59BD00

 DCBDF7

 E6BDFE

 F0BDFE

Harmonies

Analogous

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



C0B263



96BD73



65C393

Triad

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



96BD73



3ABDF8



FB93A8

Complementary

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



96BD73



9A73BD

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.



EA97CF



96BD73



89B2FD

Square

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



96BD73



00C4E0



C3A3EE



F79983

Rectangle

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



96BD73



3BC6AE



C3A3EE



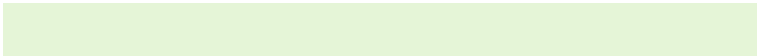
F893B5

Sweetspot

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



96BD73



E5F5D7



BD9973



717A69



FAFAFA



7A7A7A

Same Dimension

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



96BD73



B8F582



73BD74



595E55



4B9E00



0E1F00

Inverse Universe

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



9A73BD



BE82F5



BD73BC



5A555E



53009E



10001F

Previews

White Background



This preview shows how the Hex color 96BD73 looks on a white background.

Color Contrast Check

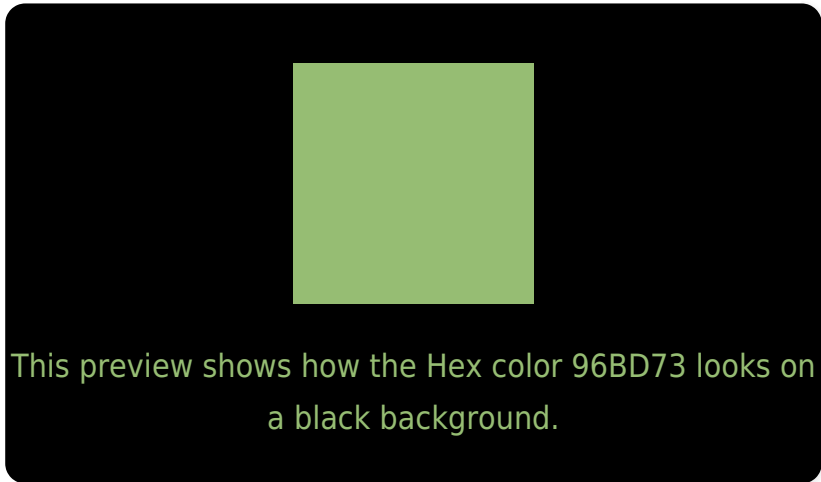
Large Text (above 18pt) WCAG AA × Fail

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 96BD73 Background



This preview shows how black text looks on a background with the Hex color 96BD73.

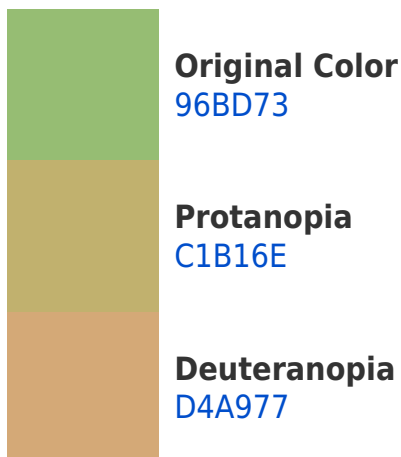


This preview shows how white text looks on a background with the Hex color 96BD73.

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
A2B4C2

Trichromacy



Original Color
96BD73

Protanomaly
B1B570

Deuteranomaly
BDB076

Tritanomaly
9EB7A5

Monochromacy



Original Color
96BD73

Achromatopsia
A9A9A9

Achromatomaly
A2B095

CSS Examples

Text

The CSS property to change the color of the text to Hex 96BD73 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 #96BD73 looks like.

```
.text, #text, p{  
    color:#96BD73  
}
```

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 #96BD73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96BD73
}
```

Border

The CSS property to change the border of an element to Hex 96BD73 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
#96BD73 }
```

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

```
.border{ border-color:#96BD73 }
```

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

Here you see how a box with a 4 pixel #96BD73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96BD73; -webkit-box-shadow:4px 4px  
4px 4px #96BD73; box-shadow:4px 4px 4px  
4px #96BD73 }
```

Background

The CSS property to change the background color of an element to Hex 96BD73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96BD73 }
```

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

```
.background{ background-color:#96BD73 }
```

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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