

Converting Colors

Hex(96B738)

Have a look what the booklet for
Hex(96B738) contains.

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Color

Hex(96B738)

Conversions

Conversions Part 1

Format	Color
Hex	96B738
RGB	150, 183, 56
RGB Percent	59%, 72%, 22%
CMY	0.4118, 0.2824, 0.7804
CMYK	0.18, 0.00, 0.69, 0.28
HSL	76°, 53%, 47%
HSV	76°, 69%, 72%
XYZ	30.2250, 40.6365, 9.9920
YIQ	158.6550, 21.0990, -46.4930

Conversions

Conversions Part 2

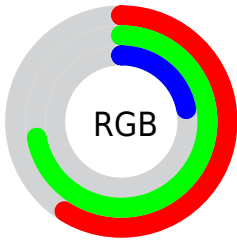
Format	Color
RYB	56, 183, 89
Decimal	9877304
CIELab	69.92, -29.07, 57.93
CIELCh	70, 64.811, 116.646
Yxy	40.6365, 0.3738, 0.5026
Android (android.graphics.Color)	4288067384 (0xFF96B738)
YUV	158.6550, -50.6089, -7.5904
Hunter-Lab	63.7468, -26.9227, 35.3293

Details

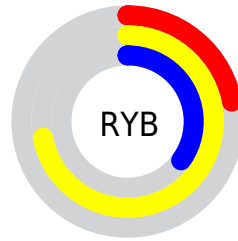
The Hex color **96B738** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5938B7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CFEF6E**, and **5F8200** is the 20% darker color. If you saturate the color by 10%, you get **91B726**, and if you desaturate by 10%, it is **9BB74A**.

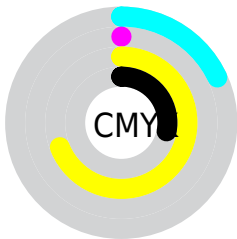
Distribution



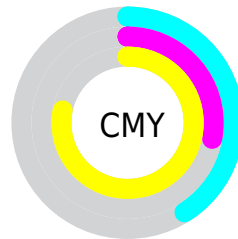
- Red (59%)
- Green (72%)
- Blue (22%)



- Red (22%)
- Yellow (72%)
- Blue (35%)



- Cyan (18%)
- Magenta (0%)
- Yellow (69%)
- Black (28%)



- Cyan (41%)
- Magenta (28%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96B738 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 96B738 by changing the saturation by 10% instead.

 96B738

 96B738

FFFFFF

 7A9C19

 CFEF6E

 5F8200

 ECFF89

 456900

 FFFFA5

 2A5000

 FFFFC1

 0B3900

 FFFFDE

 002400

 FFFFFB

 000000

 96B738

 96B738

 91B726

 9BB74A

 8CB713

 A0B75D

 88B701

 A4B76F

 87B700

 A9B781

 AEB794

 B3B7A6

 B7B7B8

 BCB7CA

 C1B7DD

Harmonies

Analogous

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



CFA62A



96B738



44C267

Triad

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



96B738



00C1FF



FF74B4

Complementary

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



96B738



5938B7

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.



EC85EC



96B738



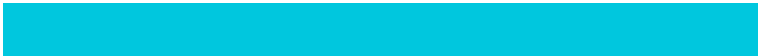
00B4FF

Square

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



96B738



00C7DE



A09EFF



FF7A7A

Rectangle

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



96B738



00C68E



A09EFF



FF78C8

Sweetspot

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



96B738



E0EDBB



B75838



70785A



F7F7F7



787878

Same Dimension

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



96B738



BAED28



58B738



595C53



739C00



151C00

Inverse Universe

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



5938B7



5B28ED



9738B7



55535C



28009C



07001C

Previews

White Background



This preview shows how the Hex color 96B738 looks on a white background.

Color Contrast Check

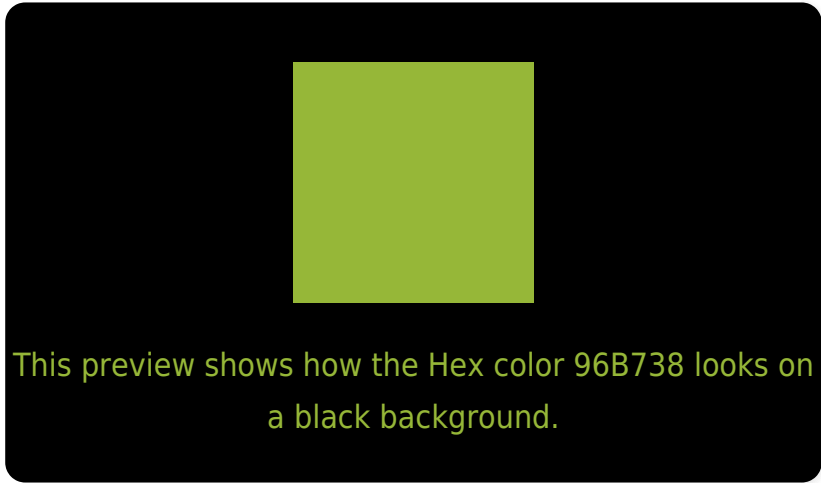
Large Text (above 18pt) WCAG AA × Fail

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 96B738 Background



This preview shows how black text looks on a background with the Hex color 96B738.



This preview shows how white text looks on a background with the Hex color 96B738.

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
96B738

Protanopia
BFAB35

Deuteranopia
D4A240



Tritanopia
A4ABB8

Trichromacy



Original Color
96B738

Protanomaly
B0AF36

Deuteranomaly
BDAA3D

Tritanomaly
9FAF89

Monochromacy



Original Color
96B738

Achromatopsia
9F9F9F

Achromatomaly
9CA87A

CSS Examples

Text

The CSS property to change the color of the text to Hex 96B738 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 #96B738 looks like.

```
.text, #text, p{  
    color:#96B738  
}
```

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 #96B738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B738
}
```

Border

The CSS property to change the border of an element to Hex 96B738 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
#96B738 }
```

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

```
.border{ border-color:#96B738 }
```

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

Here you see how a box with a 4 pixel #96B738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B738; -webkit-box-shadow:4px 4px  
4px 4px #96B738; box-shadow:4px 4px 4px  
4px #96B738 }
```

Background

The CSS property to change the background color of an element to Hex 96B738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B738 }
```

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

```
.background{ background-color:#96B738 }
```

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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