

Converting Colors

Hex(96A330)

Have a look what the booklet for
Hex(96A330) contains.

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Color

Hex(96A330)

Conversions

Conversions Part 1

Format	Color
Hex	96A330
RGB	150, 163, 48
RGB Percent	59%, 64%, 19%
CMY	0.4118, 0.3608, 0.8118
CMYK	0.08, 0.00, 0.71, 0.36
HSL	67°, 55%, 41%
HSV	67°, 71%, 64%
XYZ	26.2084, 32.8918, 7.7637
YIQ	146.0030, 29.1670, -38.5210

Conversions

Conversions Part 2

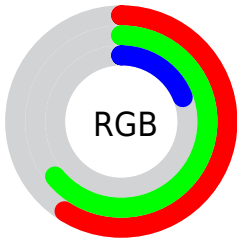
Format	Color
RYB	48, 163, 61
Decimal	9872176
CIELab	64.07, -19.70, 55.12
CIELCh	64, 58.539, 109.669
Yxy	32.8918, 0.3920, 0.4919
Android (android.graphics.Color)	4288062256 (0xFF96A330)
YUV	146.0030, -48.3155, 3.5054
Hunter-Lab	57.3514, -18.7942, 32.1198

Details

The Hex color **96A330** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3D30A3**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CFDA65**, and **606F00** is the 20% darker color. If you saturate the color by 10%, you get **94A320**, and if you desaturate by 10%, it is **98A340**.

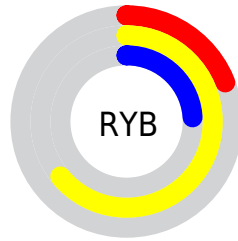
Distribution



Red (59%)

Green (64%)

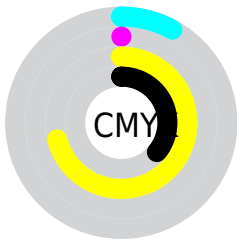
Blue (19%)



Red (19%)

Yellow (64%)

Blue (24%)

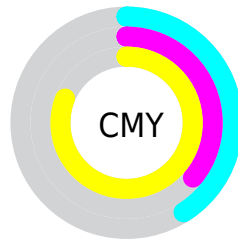


Cyan (8%)

Magenta (0%)

Yellow (71%)

Black (36%)



Cyan (41%)

Magenta (36%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A330 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 96A330 by changing the saturation by 10% instead.

 96A330

 96A330

FFFFFF

 7B8910

 CFDA65

 606F00

 ECF680

 465700

 FFFF9C

 2C4000

 FFFFB7

 122A00

 FFFFD4

 001700

 FFFFF1

 000000

 96A330


 96A330

 94A320

 98A340

 92A30F

 9AA351

 91A300

 9CA361

 9DA371

 9FA382

 A1A392

 A3A3A2

 A5A3B2

 A7A3C3

Harmonies

Analogous

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



C6922E



96A330



57AE54

Triad

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



96A330



00B1EA



F16DB0

Complementary

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



96A330



3D30A3

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.



C97FDF



96A330



00A6FF

Square

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



96A330



00B5BD



7C95FE



FB6D7B

Rectangle

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



96A330



00B275



7C95FE



E772C1

Sweetspot

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



96A330



CFD4A7



A33B30



686B50



EBEBEB



6B6B6B

Same Dimension

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



96A330



BFD420



5EA330



515249



819100



101200

Inverse Universe

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



3D30A3



3420D4



7530A3



4A4952



100091



020012

Previews

White Background



This preview shows how the Hex color 96A330 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 96A330 Background



This preview shows how black text looks on a background with the Hex color 96A330.



This preview shows how white text looks on a background with the Hex color 96A330.

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
96A330

Protanopia
AE9B2E

Deuteranopia
C29336



Tritanopia
A198A4

Trichromacy



Original Color
96A330

Protanomaly
A59E2F

Deuteranomaly
B29934

Tritanomaly
9D9C7A

Monochromacy



Original Color
96A330

Achromatopsia
929292

Achromatomaly
93986E

CSS Examples

Text

The CSS property to change the color of the text to Hex 96A330 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 #96A330 looks like.

```
.text, #text, p{  
    color:#96A330  
}
```

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 #96A330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A330
}
```

Border

The CSS property to change the border of an element to Hex 96A330 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
#96A330 }
```

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

```
.border{ border-color:#96A330 }
```

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

Here you see how a box with a 4 pixel #96A330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A330; -webkit-box-shadow:4px 4px  
4px 4px #96A330; box-shadow:4px 4px 4px  
4px #96A330 }
```

Background

The CSS property to change the background color of an element to Hex 96A330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A330 }
```

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

```
.background{ background-color:#96A330 }
```

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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