

Converting Colors

Hex(96A228)

Have a look what the booklet for
Hex(96A228) contains.

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Color

Hex(96A228)

Conversions

Conversions Part 1

Format	Color
Hex	96A228
RGB	150, 162, 40
RGB Percent	59%, 64%, 16%
CMY	0.4118, 0.3647, 0.8431
CMYK	0.07, 0.00, 0.75, 0.36
HSL	66°, 60%, 40%
HSV	66°, 75%, 64%
XYZ	25.8810, 32.4779, 6.9123
YIQ	144.5040, 32.0100, -40.4860

Conversions

Conversions Part 2

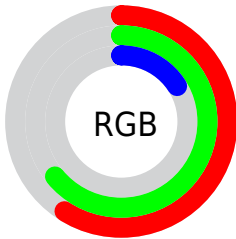
Format	Color
RYB	40, 162, 52
Decimal	9871912
CIELab	63.74, -19.61, 57.69
CIELCh	64, 60.933, 108.774
Yxy	32.4779, 0.3965, 0.4976
Android (android.graphics.Color)	4288061992 (0xFF96A228)
YUV	144.5040, -51.5205, 4.8200
Hunter-Lab	56.9894, -18.6679, 32.7013

Details

The Hex color **96A228** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3428A2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CFD95F**, and **5F6F00** is the 20% darker color. If you saturate the color by 10%, you get **94A218**, and if you desaturate by 10%, it is **98A238**.

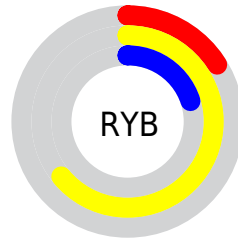
Distribution



Red (59%)

Green (64%)

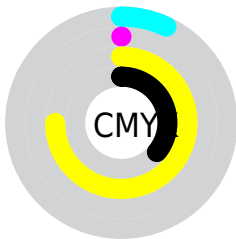
Blue (16%)



Red (16%)

Yellow (64%)

Blue (20%)

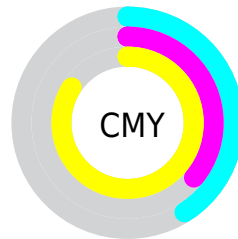


Cyan (7%)

Magenta (0%)

Yellow (75%)

Black (36%)



Cyan (41%)

Magenta (36%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A228 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 96A228 by changing the saturation by 10% instead.

 96A228

 96A228

FFFFFF

 7A8801

 CFD95F

 5F6F00

 ECF57A

 465600

 FFFF95

 2B3F00

 FFFFB1

 112900

 FFFFCD

 001500

 FFFFEA

 000000

 96A228

 96A228

 94A218

 98A238

 93A208

 99A248

 92A200

 9BA259

 9CA269

 9EA279

 A0A289

 A1A299

 A3A2AA

 A4A2BA

Harmonies

Analogous

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



C89027



96A228



54AD4F

Triad

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



96A228



00B1EB



F36AB1

Complementary

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



96A228



3428A2

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.



C87DE3



96A228



00A6FF

Square

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



96A228



00B4BC



7594FF



FD697B

Rectangle

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



96A228



00B271



7594FF



E86FC3

Sweetspot

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



96A228



CFD4A3



A23228



686B4D



EBEBEB



6B6B6B

Same Dimension

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



96A228



C1D415



5BA228



515249



839100



101200

Inverse Universe

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



3428A2



2815D4



6F28A2



4A4952



0E0091



020012

Previews

White Background



This preview shows how the Hex color 96A228 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 96A228 Background



This preview shows how black text looks on a background with the Hex color 96A228.



This preview shows how white text looks on a background with the Hex color 96A228.

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
96A228

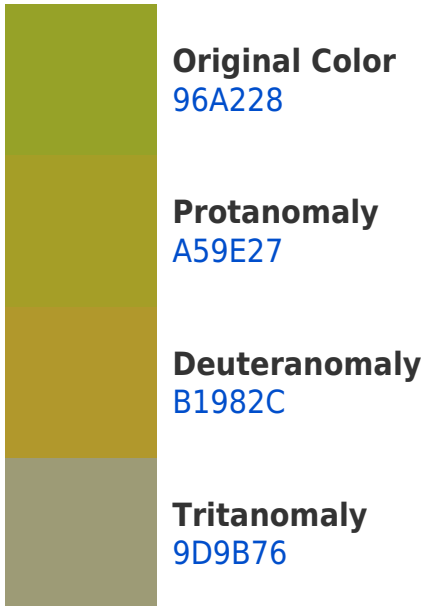
Protanopia
AD9B26

Deuteranopia
C1922F

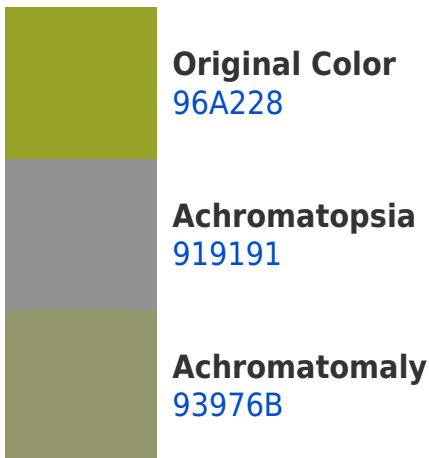


Tritanopia
A197A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A228 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 #96A228 looks like.

```
.text, #text, p{  
    color:#96A228  
}
```

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 #96A228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A228
}
```

Border

The CSS property to change the border of an element to Hex 96A228 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
#96A228 }
```

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

```
.border{ border-color:#96A228 }
```

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

Here you see how a box with a 4 pixel #96A228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A228; -webkit-box-shadow:4px 4px  
4px 4px #96A228; box-shadow:4px 4px 4px  
4px #96A228 }
```

Background

The CSS property to change the background color of an element to Hex 96A228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A228 }
```

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

```
.background{ background-color:#96A228 }
```

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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