

Converting Colors

Hex(96CF28)

Have a look what the booklet for
Hex(96CF28) contains.

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Color

Hex(96CF28)

Conversions

Conversions Part 1

Format	Color
Hex	96CF28
RGB	150, 207, 40
RGB Percent	59%, 81%, 16%
CMY	0.4118, 0.1882, 0.8431
CMYK	0.28, 0.00, 0.81, 0.19
HSL	80°, 68%, 48%
HSV	80°, 81%, 81%
XYZ	35.2735, 51.2629, 10.0431
YIQ	170.9190, 19.6350, -64.0210

Conversions

Conversions Part 2

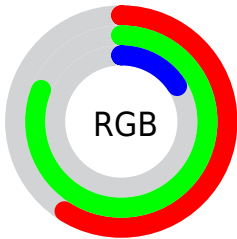
Format	Color
RYB	40, 207, 97
Decimal	9883432
CIELab	76.84, -40.85, 69.70
CIELCh	77, 80.789, 120.374
Yxy	51.2629, 0.3652, 0.5308
Android (android.graphics.Color)	4288073512 (0xFF96CF28)
YUV	170.9190, -64.5431, -18.3460
Hunter-Lab	71.5981, -37.3569, 41.8020

Details

The Hex color **96CF28** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **6128CF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D0FF65**, and **5D9800** is the 20% darker color. If you saturate the color by 10%, you get **8FCF13**, and if you desaturate by 10%, it is **9DCF3D**.

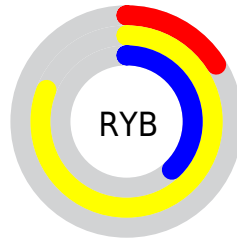
Distribution



Red (59%)

Green (81%)

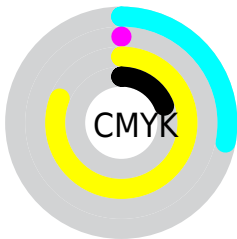
Blue (16%)



Red (16%)

Yellow (81%)

Blue (38%)

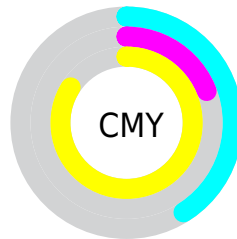


Cyan (28%)

Magenta (0%)

Yellow (81%)

Black (19%)



Cyan (41%)

Magenta (19%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96CF28 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 96CF28 by changing the saturation by 10% instead.



96CF28



96CF28

FFFFFF



79B300



D0FF65



5D9800



EEFF81



407E00



FFFF9D



216500



FFFFBA



004C00



FFFFD7



003500



FFFFF5



002000



000000



96CF28



96CF28

■ 8FCF13

■ 9DCF3D

■ 88CF00

■ A4CF51

■ ABCF66

■ B2CF7B

■ B9CF90

■ C0CFA4

■ C7CFB9

■ CFCFCE

■ D6CFE2

Harmonies

Analogous

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



E1BB00



96CF28



00DB6F

Triad

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



96CF28



00D8FF



FF71C0

Complementary

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



96CF28



6128CF

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.



FF86FF



96CF28



00C6FF

Square

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



96CF28



00DFFF



BCA9FF



FF7E77

Rectangle

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



96CF28



00DFA2



BCA9FF



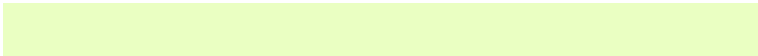
FF75D9

Sweetspot

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



96CF28



EAFFC2



CF6028



73805B



000000



808080

Same Dimension

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



96CF28



ABFF08



44CF28



65695E



6FA800



1B2900

Inverse Universe

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



6128CF



5C08FF



B328CF



625E69



3900A8



0E0029

Previews

White Background



This preview shows how the Hex color 96CF28 looks on a white background.

Color Contrast Check

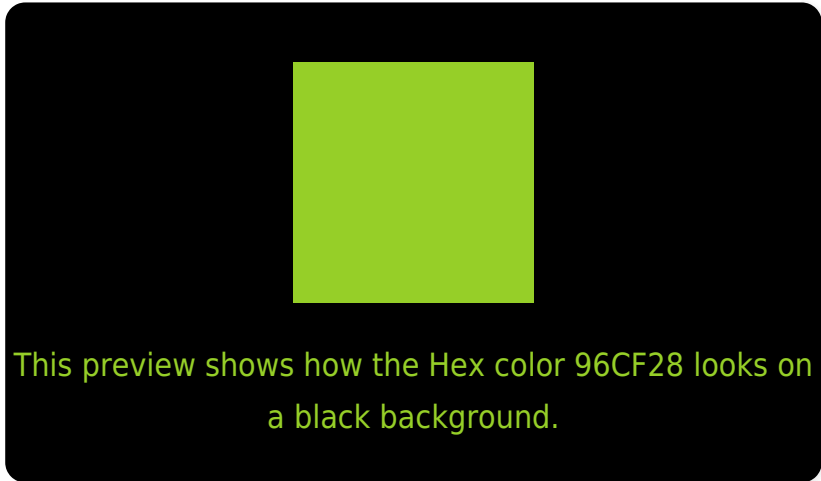
Large Text (above 18pt) WCAG AA × Fail

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 96CF28 Background



This preview shows how black text looks on a background with the Hex color 96CF28.

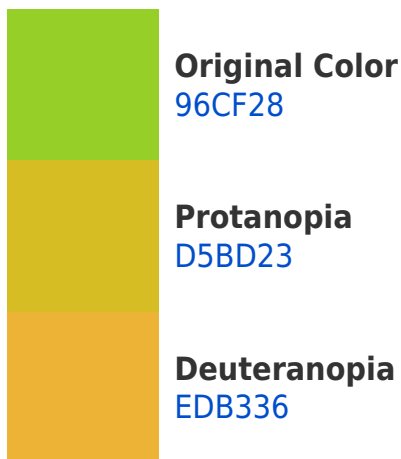


This preview shows how white text looks on a background with the Hex color 96CF28.

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](#).

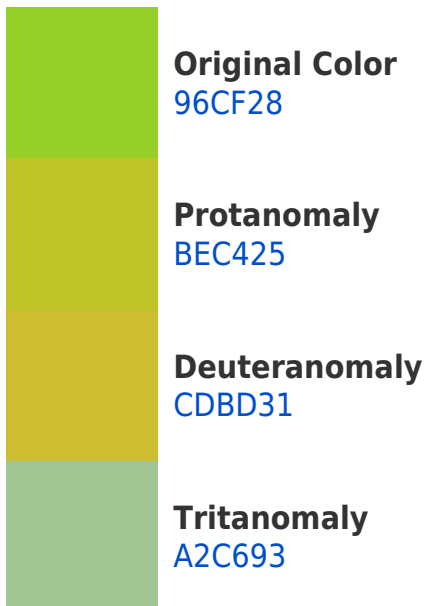
Dichromacy



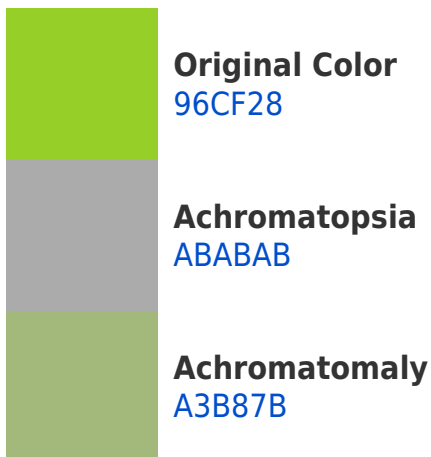


Tritanopia
A9C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96CF28 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 #96CF28 looks like.

```
.text, #text, p{  
    color:#96CF28  
}
```

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 #96CF28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96CF28
}
```

Border

The CSS property to change the border of an element to Hex 96CF28 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
#96CF28 }
```

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

```
.border{ border-color:#96CF28 }
```

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

Here you see how a box with a 4 pixel #96CF28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96CF28; -webkit-box-shadow:4px 4px  
4px 4px #96CF28; box-shadow:4px 4px 4px  
4px #96CF28 }
```

Background

The CSS property to change the background color of an element to Hex 96CF28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96CF28 }
```

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

```
.background{ background-color:#96CF28 }
```

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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