

Converting Colors

Hex(96CE23)

Have a look what the booklet for
Hex(96CE23) contains.

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Color

Hex(96CE23)

Conversions

Conversions Part 1

Format	Color
Hex	96CE23
RGB	150, 206, 35
RGB Percent	59%, 81%, 14%
CMY	0.4118, 0.1922, 0.8627
CMYK	0.27, 0.00, 0.83, 0.19
HSL	80°, 71%, 47%
HSV	80°, 83%, 81%
XYZ	34.9524, 50.7480, 9.5433
YIQ	169.7620, 21.5150, -65.0530

Conversions

Conversions Part 2

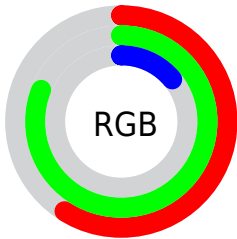
Format	Color
RYB	35, 206, 91
Decimal	9883171
CIELab	76.53, -40.60, 70.69
CIELCh	77, 81.517, 119.871
Yxy	50.7480, 0.3670, 0.5328
Android (android.graphics.Color)	4288073251 (0xFF96CE23)
YUV	169.7620, -66.4377, -17.3313
Hunter-Lab	71.2376, -37.0858, 41.9236

Details

The Hex color **96CE23** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark muted chartreuse. A complement of this color would be **5B23CE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D0FF61**, and **5D9700** is the 20% darker color. If you saturate the color by 10%, you get **8FCE0E**, and if you desaturate by 10%, it is **9DCE38**.

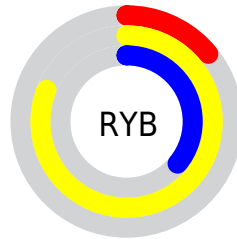
Distribution



Red (59%)

Green (81%)

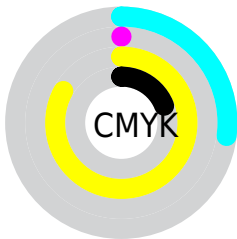
Blue (14%)



Red (14%)

Yellow (81%)

Blue (36%)

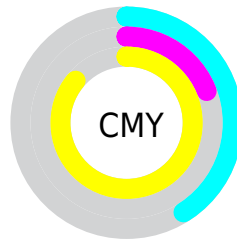


Cyan (27%)

Magenta (0%)

Yellow (83%)

Black (19%)



Cyan (41%)

Magenta (19%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96CE23 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 96CE23 by changing the saturation by 10% instead.

 96CE23

 96CE23

FFFFFF

 79B200


 D0FF61

 5D9700

 EEEF7E

 407D00

 FFFF9A

 216400

 FFFFB7

 004B00

 FFFFD4

 003400

 FFFFF2

 001F00

 000000

 96CE23

 96CE23

 8FCE0E

 9DCE38

 8BCE00

 A3CE4C

 AACE61

 B1CE75

 B8CE8A

 BECE9F

 C5CEB3

 CCCEC8

 D3CEDC

Harmonies

Analogous

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



E1B900



96CE23



00DA6D

Triad

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



96CE23



00D7FF



FF6FC0

Complementary

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



96CE23



5B23CE

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.



FF85FF



96CE23



00C6FF

Square

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



96CE23



00DFFF



B9A9FF



FF7B76

Rectangle

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



96CE23



00DEA0



B9A9FF



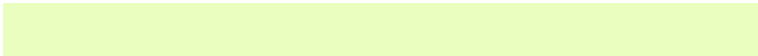
FF73DA

Sweetspot

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



96CE23



EAFFBF



CE5923



738059



000000



808080

Same Dimension

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



96CE23



ABFF00



42CE23



63665C



6FA600



1A2600

Inverse Universe

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



5B23CE



5400FF



AF23CE



5F5C66



3600A6



0D0026

Previews

White Background



This preview shows how the Hex color 96CE23 looks on a white background.

Color Contrast Check

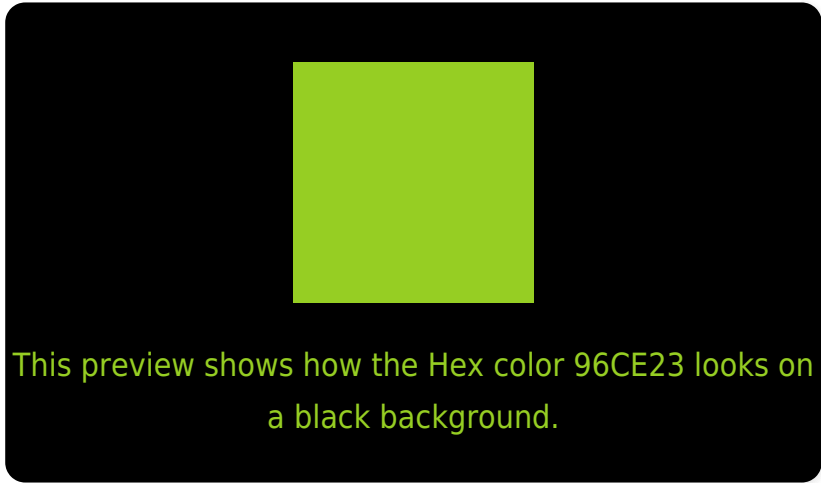
Large Text (above 18pt) WCAG AA × Fail

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 96CE23 Background



This preview shows how black text looks on a background with the Hex color 96CE23.

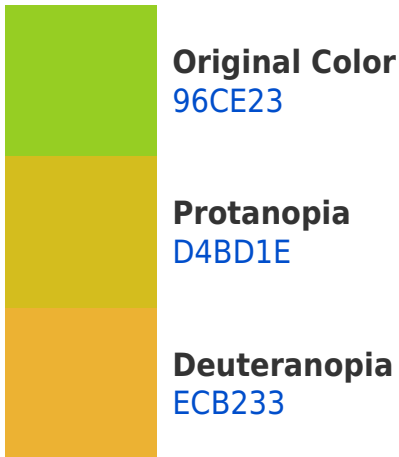


This preview shows how white text looks on a background with the Hex color 96CE23.

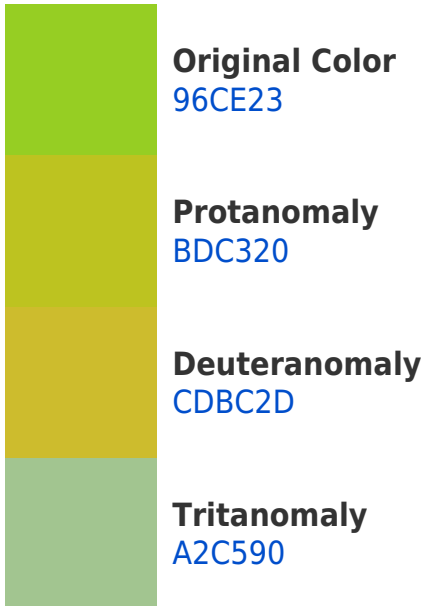
Color Blindness Simulation

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](#).

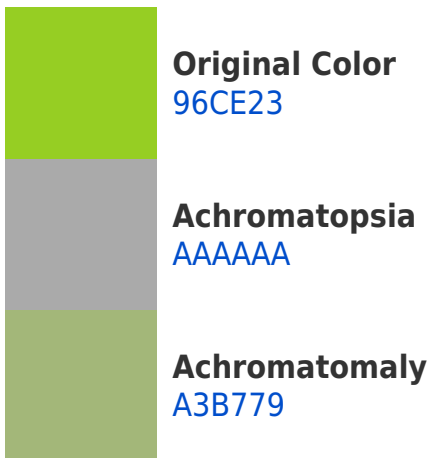
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96CE23 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 #96CE23 looks like.

```
.text, #text, p{  
    color:#96CE23  
}
```

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 #96CE23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96CE23
}
```

Border

The CSS property to change the border of an element to Hex 96CE23 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
#96CE23 }
```

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

```
.border{ border-color:#96CE23 }
```

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

Here you see how a box with a 4 pixel #96CE23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96CE23; -webkit-box-shadow:4px 4px  
4px 4px #96CE23; box-shadow:4px 4px 4px  
4px #96CE23 }
```

Background

The CSS property to change the background color of an element to Hex 96CE23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96CE23 }
```

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

```
.background{ background-color:#96CE23 }
```

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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