

Converting Colors

Hex(96CE31)

Have a look what the booklet for
Hex(96CE31) contains.

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Color

Hex(96CE31)

Conversions

Conversions Part 1

Format	Color
Hex	96CE31
RGB	150, 206, 49
RGB Percent	59%, 81%, 19%
CMY	0.4118, 0.1922, 0.8078
CMYK	0.27, 0.00, 0.76, 0.19
HSL	81°, 62%, 50%
HSV	81°, 76%, 81%
XYZ	35.2034, 50.8484, 10.8650
YIQ	171.3580, 17.0210, -60.6990

Conversions

Conversions Part 2

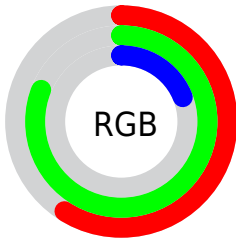
Format	Color
R_{YB}	49, 206, 105
Decimal	9883185
CIE _{Lab}	76.59, -40.01, 66.87
CIE _{LCh}	77, 77.922, 120.892
Yxy	50.8484, 0.3632, 0.5247
Android (android.graphics.Color)	4288073265 (0xFF96CE31)
YUV	171.3580, -60.3225, -18.7310
Hunter-Lab	71.3081, -36.6672, 40.8818

Details

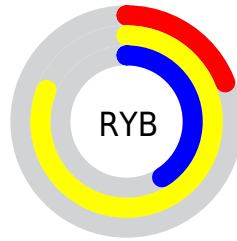
The Hex color **96CE31** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6931CE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D0FF6B**, and **5D9700** is the 20% darker color. If you saturate the color by 10%, you get **8FCE1C**, and if you desaturate by 10%, it is **9DCE46**.

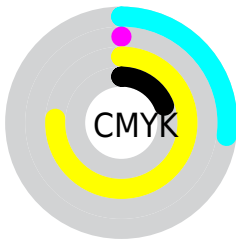
Distribution



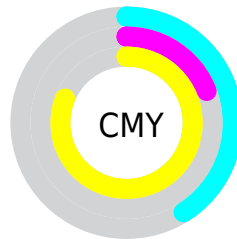
- Red (59%)
- Green (81%)
- Blue (19%)



- Red (19%)
- Yellow (81%)
- Blue (41%)



- Cyan (27%)
- Magenta (0%)
- Yellow (76%)
- Black (19%)



- Cyan (41%)
- Magenta (19%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96CE31 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 96CE31 by changing the saturation by 10% instead.



96CE31



96CE31

FFFFFF



7AB206



D0FF6B



5D9700



EEFF87



417D00



FFFFA3



236400



FFFFC0



004B00



FFFFDD



003400



FFFFFA



001F00



000000



96CE31



96CE31

 8FCE1C

 9DCE46

 87CE08

 A5CE5A

 85CE00

 ACCE6F

 B3CE83

 BBCE98

 C2CEAD

 C9CEC1

 D1CED6

 D8CEEA

Harmonies

Analogous

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



DEBA05



96CE31



00D973

Triad

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



96CE31



00D6FF



FF75BE

Complementary

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



96CE31



6931CE

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.



FF88FF



96CE31



00C5FF

Square

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



96CE31



00DEFF



BEA9FF



FF8177

Rectangle

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



96CE31



00DDA4



BEA9FF



FF78D6

Sweetspot

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



96CE31



EAFFC4



CE6831



73805C



000000



808080

Same Dimension

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



96CE31



ACFF17



49CE31



62665C



6BA600



192600

Inverse Universe

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



6931CE



6A17FF



B631CE



5F5C66



3B00A6



0E0026

Previews

White Background



This preview shows how the Hex color 96CE31 looks on a white background.

Color Contrast Check

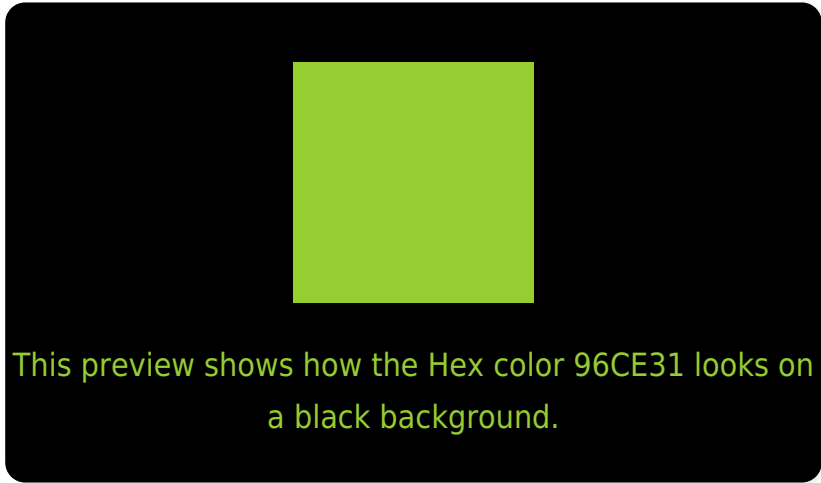
Large Text (above 18pt) WCAG AA × Fail

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 96CE31 Background



This preview shows how black text looks on a background with the Hex color 96CE31.

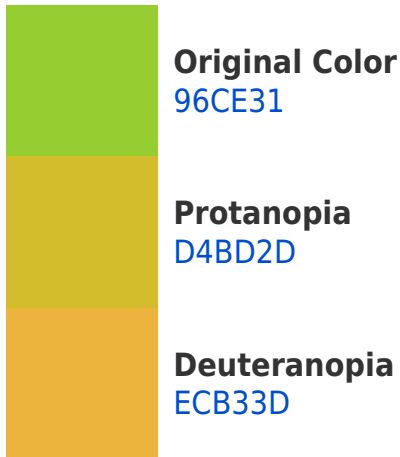


This preview shows how white text looks on a background with the Hex color 96CE31.

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



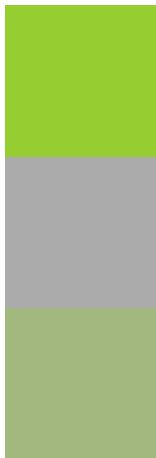
Original Color
96CE31

Protanomaly
BDC32E

Deuteranomaly
CDBD39

Tritanomaly
A1C596

Monochromacy



Original Color
96CE31

Achromatopsia
ABABAB

Achromatomaly
A3B87F

CSS Examples

Text

The CSS property to change the color of the text to Hex 96CE31 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 #96CE31 looks like.

```
.text, #text, p{  
    color:#96CE31  
}
```

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 #96CE31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96CE31
}
```

Border

The CSS property to change the border of an element to Hex 96CE31 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
#96CE31 }
```

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

```
.border{ border-color:#96CE31 }
```

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

Here you see how a box with a 4 pixel #96CE31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96CE31; -webkit-box-shadow:4px 4px  
4px 4px #96CE31; box-shadow:4px 4px 4px  
4px #96CE31 }
```

Background

The CSS property to change the background color of an element to Hex 96CE31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96CE31 }
```

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

```
.background{ background-color:#96CE31 }
```

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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