

Converting Colors

Hex(96C21E)

Have a look what the booklet for
Hex(96C21E) contains.

Hex(96C21E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(96C21E)

Conversions

Conversions Part 1

Format	Color
Hex	96C21E
RGB	150, 194, 30
RGB Percent	59%, 76%, 12%
CMY	0.4118, 0.2392, 0.8824
CMYK	0.23, 0.00, 0.85, 0.24
HSL	76°, 73%, 44%
HSV	76°, 85%, 76%
XYZ	32.1038, 45.1613, 8.2533
YIQ	162.1480, 26.4200, -60.3320

Conversions

Conversions Part 2

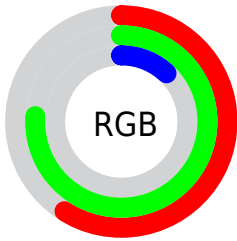
Format	Color
RYB	30, 194, 74
Decimal	9880094
CIELab	73.00, -35.40, 68.80
CIELCh	73, 77.376, 117.227
Yxy	45.1613, 0.3754, 0.5281
Android (android.graphics.Color)	4288070174 (0xFF96C21E)
YUV	162.1480, -65.1490, -10.6538
Hunter-Lab	67.2022, -32.3309, 39.7600

Details

The Hex color **96C21E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **4A1EC2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D0FB5D**, and **5E8C00** is the 20% darker color. If you saturate the color by 10%, you get **91C20B**, and if you desaturate by 10%, it is **9BC231**.

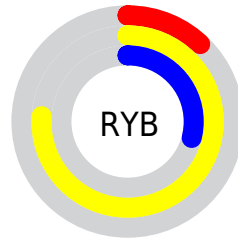
Distribution



Red (59%)

Green (76%)

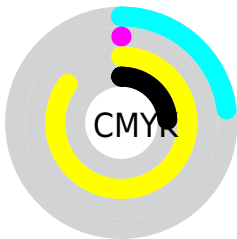
Blue (12%)



Red (12%)

Yellow (76%)

Blue (29%)

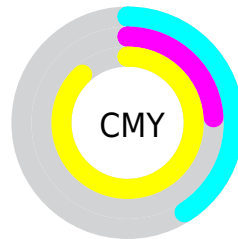


Cyan (23%)

Magenta (0%)

Yellow (85%)

Black (24%)



Cyan (41%)

Magenta (24%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96C21E 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 96C21E by changing the saturation by 10% instead.



96C21E



96C21E

FFFFFF



7AA700



D0FB5D



5E8C00



EEFF79



427200



FFFF95



245A00



FFFFB1



004200



FFFCE



002B00



FFFEC



001200



000000



96C21E



96C21E

■ 91C20B

■ 9BC231

■ 8EC200

■ A0C245

■ A6C258

■ ABC26C

■ B0C27F

■ B5C292

■ BAC2A6

■ C0C2B9

■ C5C2CD

Harmonies

Analogous

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



DBAE00



96C21E



16CE62

Triad

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



96C21E



00CFFF



FF66DD

Complementary

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



96C21E



4A1EC2

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.



FF82FF



96C21E



00BEFF

Square

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



96C21E



00D4F2



A4A3FF



FF7477

Rectangle

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



96C21E



00D291



A4A3FF



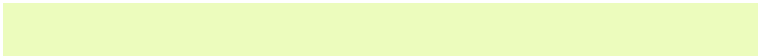
FF70D5

Sweetspot

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



96C21E



ECFCBD



C24A1E



758059



000000



808080

Same Dimension

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



96C21E



B9FC00



44C21E



5E6157



76A100



182100

Inverse Universe

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



4A1EC2



4400FC



9C1EC2



5A5761



2B00A1



090021

Previews

White Background



This preview shows how the Hex color 96C21E looks on a white background.

Color Contrast Check

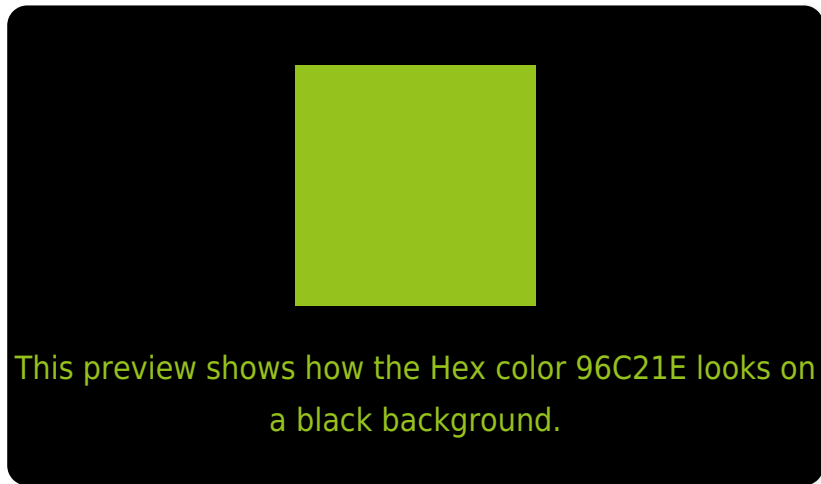
Large Text (above 18pt) WCAG AA × Fail

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 96C21E Background



This preview shows how black text looks on a background with the Hex color 96C21E.

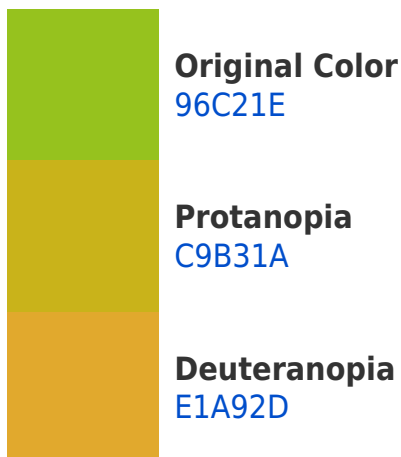


This preview shows how white text looks on a background with the Hex color 96C21E.

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](#).

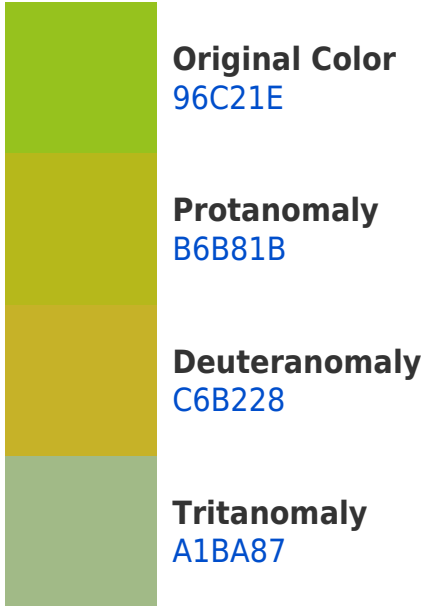
Dichromacy



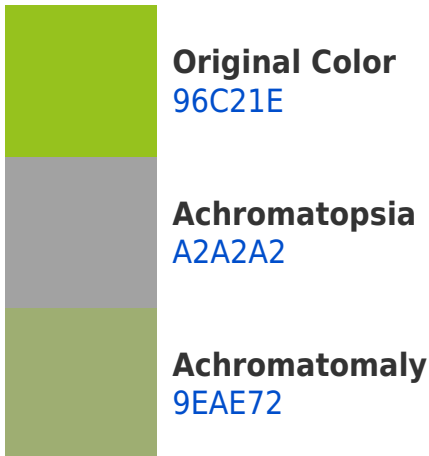


Tritanopia
A7B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96C21E 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 #96C21E looks like.

```
.text, #text, p{  
    color:#96C21E  
}
```

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 #96C21E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C21E
}
```

Border

The CSS property to change the border of an element to Hex 96C21E 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
#96C21E }
```

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

```
.border{ border-color:#96C21E }
```

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

Here you see how a box with a 4 pixel #96C21E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C21E; -webkit-box-shadow:4px 4px  
4px 4px #96C21E; box-shadow:4px 4px 4px  
4px #96C21E }
```

Background

The CSS property to change the background color of an element to Hex 96C21E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C21E }
```

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

```
.background{ background-color:#96C21E }
```

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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