

Converting Colors

Hex(96EA0C)

Have a look what the booklet for
Hex(96EA0C) contains.

Hex(96EA0C)	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(96EA0C)

Conversions

Conversions Part 1

Format	Color
Hex	96EA0C
RGB	150, 234, 12
RGB Percent	59%, 92%, 5%
CMY	0.4118, 0.0824, 0.9529
CMYK	0.36, 0.00, 0.95, 0.08
HSL	83°, 90%, 48%
HSV	83°, 95%, 92%
XYZ	42.0669, 65.3562, 10.7457
YIQ	183.5760, 21.1980, -86.8500

Conversions

Conversions Part 2

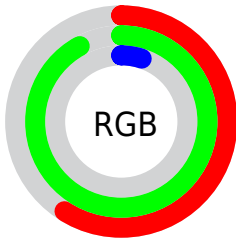
Format	Color
RYB	12, 234, 96
Decimal	9890316
CIELab	84.67, -52.87, 81.14
CIELCh	85, 96.844, 123.088
Yxy	65.3562, 0.3560, 0.5531
Android (android.graphics.Color)	4288080396 (0xFF96EA0C)
YUV	183.5760, -84.5870, -29.4462
Hunter-Lab	80.8432, -48.5929, 48.7094

Details

The Hex color **96EA0C** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **600CEA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D2FF5C**, and **5AB200** is the 20% darker color. If you saturate the color by 10%, you get **91EA00**, and if you desaturate by 10%, it is **9FEA23**.

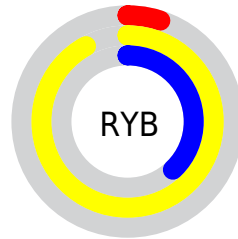
Distribution



Red (59%)

Green (92%)

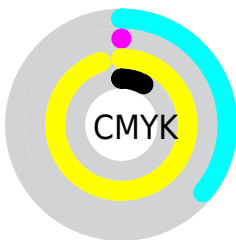
Blue (5%)



Red (5%)

Yellow (92%)

Blue (38%)

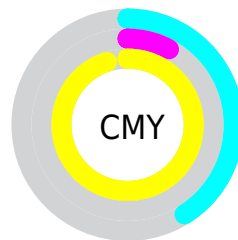


Cyan (36%)

Magenta (0%)

Yellow (95%)

Black (8%)



Cyan (41%)

Magenta (8%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96EA0C 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 96EA0C by changing the saturation by 10% instead.

 96EA0C

 96EA0C

FFFFFF

 78CD00

 D2FF5C

 5AB200

 F0FF7A

 399600

 FFFF98

 0D7C00

 FFFFB5

 006200

 FFFFD3

 004900

 FFFFF1

 003200

 001900

 000000

 96EA0C

 96EA0C

 91EA00

 9FEA23

 A8EA3B

 B1EA52

 B9EA6A

 C2EA81

 CBEA98

 D4EAB0

 DDEAC7

 E6EADF

Harmonies

Analogous

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



F4D300



96EA0C



00F77B

Triad

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



96EA0C



00F2FF



FF6DCE

Complementary

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



96EA0C



600CEA

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



96EA0C



00DCFF

Square

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



96EA0C



00FBFF



DCB6FF



FF8475

Rectangle

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



96EA0C



00FBBA



DCB6FF



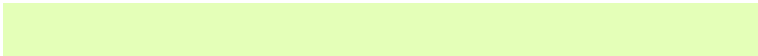
FF71ED

Sweetspot

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



96EA0C



E4FFB8



EA5D0C



6F8054



000000



808080

Same Dimension

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



96EA0C



9FFF00



2AEA0C



71756A



71B500



213600

Inverse Universe

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



600CEA



6000FF



CC0CEA



6E6A75



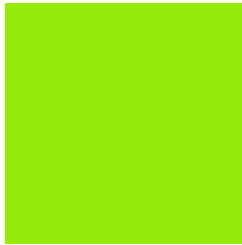
4500B5



140036

Previews

White Background



This preview shows how the Hex color 96EA0C looks on a white background.

Color Contrast Check

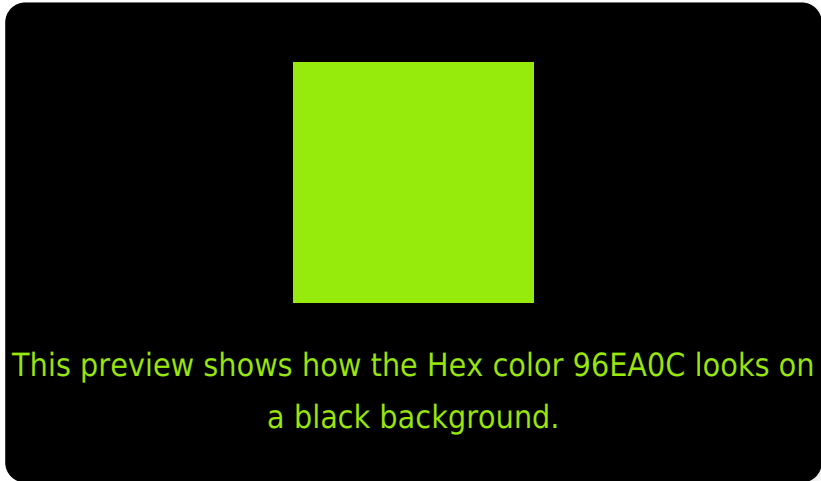
Large Text (above 18pt) WCAG AA × Fail

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 96EA0C Background



This preview shows how black text looks on a background with the Hex color 96EA0C.

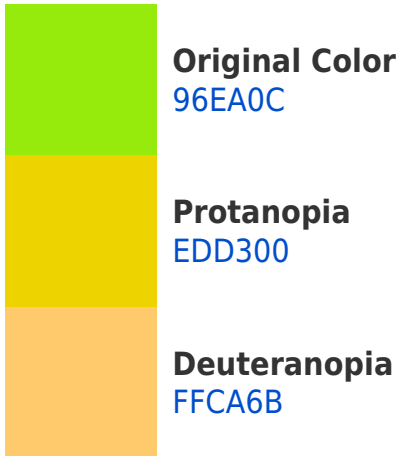


This preview shows how white text looks on a background with the Hex color 96EA0C.

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
96EA0C



Protanomaly
CDDB04



Deuteranomaly
D9D648

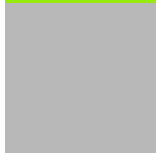


Tritanomaly
A6E09A

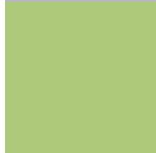
Monochromacy



Original Color
96EA0C



Achromatopsia
B8B8B8



Achromatomaly
ACCA79

CSS Examples

Text

The CSS property to change the color of the text to Hex 96EA0C 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 #96EA0C looks like.

```
.text, #text, p{  
    color:#96EA0C  
}
```

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 #96EA0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96EA0C
}
```

Border

The CSS property to change the border of an element to Hex 96EA0C 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
#96EA0C }
```

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

```
.border{ border-color:#96EA0C }
```

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

Here you see how a box with a 4 pixel #96EA0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96EA0C; -webkit-box-shadow:4px 4px  
4px 4px #96EA0C; box-shadow:4px 4px 4px  
4px #96EA0C }
```

Background

The CSS property to change the background color of an element to Hex 96EA0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96EA0C }
```

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

```
.background{ background-color:#96EA0C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor