

Converting Colors

Hex(91C826)

Have a look what the booklet for
Hex(91C826) contains.

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Color

Hex(91C826)

Conversions

Conversions Part 1

Format	Color
Hex	91C826
RGB	145, 200, 38
RGB Percent	57%, 78%, 15%
CMY	0.4314, 0.2157, 0.8510
CMYK	0.28, 0.00, 0.81, 0.22
HSL	80°, 68%, 47%
HSV	80°, 81%, 78%
XYZ	32.6812, 47.4682, 9.2735
YIQ	165.0870, 19.2220, -62.0420

Conversions

Conversions Part 2

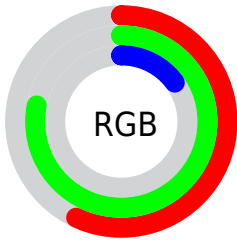
Format	Color
RYB	38, 200, 93
Decimal	9553958
CIELab	74.49, -39.75, 68.02
CIELCh	74, 78.782, 120.301
Yxy	47.4682, 0.3655, 0.5308
Android (android.graphics.Color)	4287744038 (0xFF91C826)
YUV	165.0870, -62.6539, -17.6163
Hunter-Lab	68.8972, -35.8991, 40.2476

Details

The Hex color **91C826** 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 **5D26C8**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CBFF62**, and **589200** is the 20% darker color. If you saturate the color by 10%, you get **8AC812**, and if you desaturate by 10%, it is **98C83A**.

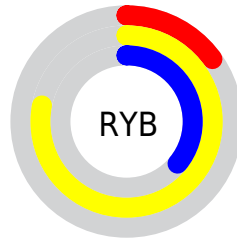
Distribution



Red (57%)

Green (78%)

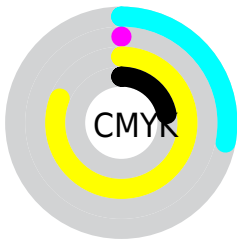
Blue (15%)



Red (15%)

Yellow (78%)

Blue (36%)

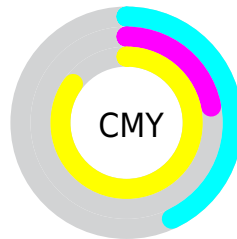


Cyan (28%)

Magenta (0%)

Yellow (81%)

Black (22%)



Cyan (43%)

Magenta (22%)


Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91C826 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 91C826 by changing the saturation by 10% instead.

 91C826

 91C826

FFFFFF

 75AC00

 CBFF62

 589200

 E8FF7F

 3C7800

 FFFF9B

 1C5F00

 FFFFB7

 004600


 FFFFD4

 002F00

 FFFFF2

 001800

 000000

 91C826

 91C826

 8AC812

 98C83A

 84C800

 9FC84E

 A5C862

 ACC876

 B3C88A

 BAC89E

 C1C8B2

 C7C8C6

 CEC8DA

Harmonies

Analogous

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



D9B400



91C826



00D36B

Triad

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



91C826



00D1FF



FF6DBA

Complementary

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



91C826



5D26C8

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



91C826



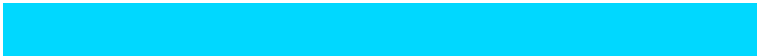
00C0FF

Square

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



91C826



00D8FF



B5A4FF



FF7973

Rectangle

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



91C826



00D79C



B5A4FF



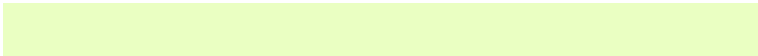
FF71D2

Sweetspot

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



91C826



EAFFC2



C85C26



73805B



000000



808080

Same Dimension

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



91C826



ABFF08



41C826



60635A



6CA300



182400

Inverse Universe

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



5D26C8



5C08FF



AD26C8



5D5A63



3700A3



0C0024

Previews

White Background



This preview shows how the Hex color 91C826 looks on a white background.

Color Contrast Check

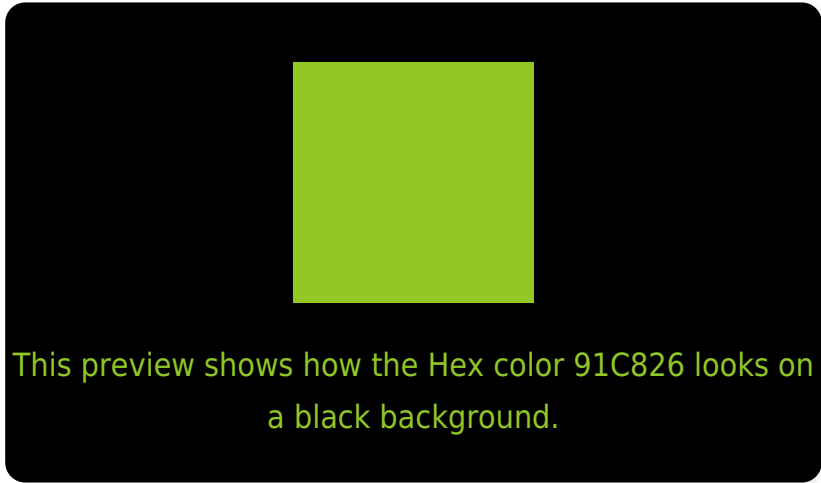
Large Text (above 18pt) WCAG AA × Fail

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 91C826 Background



This preview shows how black text looks on a background with the Hex color 91C826.

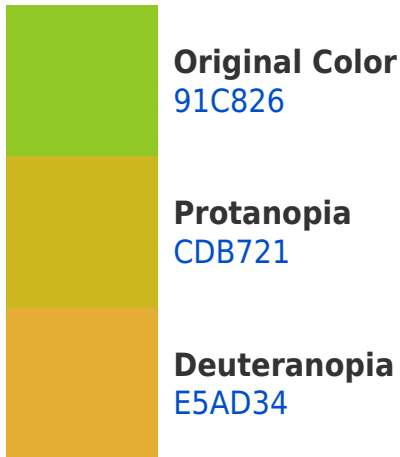


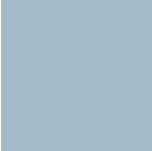
This preview shows how white text looks on a background with the Hex color 91C826.

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
A3BAC9

Trichromacy



Original Color
91C826

Protanomaly
B7BD23

Deuteranomaly
C6B72F

Tritanomaly
9CBF8E

Monochromacy



Original Color
91C826

Achromatopsia
A5A5A5

Achromatomaly
9EB277

CSS Examples

Text

The CSS property to change the color of the text to Hex 91C826 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 #91C826 looks like.

```
.text, #text, p{  
    color:#91C826  
}
```

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 #91C826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C826
}
```

Border

The CSS property to change the border of an element to Hex 91C826 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
#91C826 }
```

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

```
.border{ border-color:#91C826 }
```

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

Here you see how a box with a 4 pixel #91C826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C826; -webkit-box-shadow:4px 4px  
4px 4px #91C826; box-shadow:4px 4px 4px  
4px #91C826 }
```

Background

The CSS property to change the background color of an element to Hex 91C826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C826 }
```

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

```
.background{ background-color:#91C826 }
```

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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