

Converting Colors

Hex(83D118)

Have a look what the booklet for
Hex(83D118) contains.

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Color

Hex(83D118)

Conversions

Conversions Part 1

Format	Color
Hex	83D118
RGB	131, 209, 24
RGB Percent	51%, 82%, 9%
CMY	0.4863, 0.1804, 0.9059
CMYK	0.37, 0.00, 0.89, 0.18
HSL	85°, 79%, 46%
HSV	85°, 89%, 82%
XYZ	32.3254, 50.4922, 8.9064
YIQ	164.5880, 12.8970, -74.0710

Conversions

Conversions Part 2

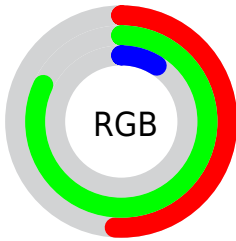
Format	Color
R _Y B	24, 209, 102
Decimal	8638744
CIE Lab	76.37, -49.14, 72.44
CIE LCh	76, 87.534, 124.149
Yxy	50.4922, 0.3524, 0.5505
Android (android.graphics.Color)	4286828824 (0xFF83D118)
YUV	164.5880, -69.3099, -29.4567
Hunter-Lab	71.0578, -43.1486, 42.3091

Details

The Hex color **83D118** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6618D1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BEFF5C**, and **489A00** is the 20% darker color. If you saturate the color by 10%, you get **7AD103**, and if you desaturate by 10%, it is **8CD12D**.

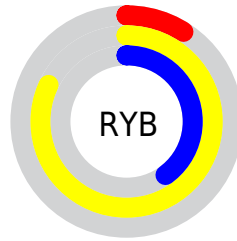
Distribution



Red (51%)

Green (82%)

Blue (9%)



Red (9%)

Yellow (82%)

Blue (40%)

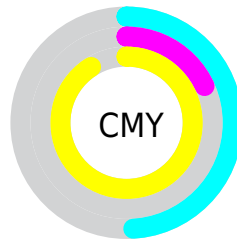


Cyan (37%)

Magenta (0%)

Yellow (89%)

Black (18%)



Cyan (49%)

Magenta (18%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D118 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 83D118 by changing the saturation by 10% instead.

 83D118

 83D118

FFFFFF

 66B500

 BEFF5C

 489A00

 DBFF78

 267F00

 FAFF95

 006600

 FFFFB2

 004D00

 FFFFCE

 003500

 FFFFEC

 001E00

 000000

 83D118

 83D118

■ 7AD103

■ 8CD12D

■ 79D100

■ 95D142

■ 9DD157

■ A6D16C

■ AFD180

■ B8D195

■ C1D1AA

■ C9D1BF

■ D2D1D4

Harmonies

Analogous

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



D7BD00



83D118



00DC71

Triad

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



83D118



00D7FF



FF63B5

Complementary

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



83D118



6618D1

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.



FF79FF



83D118



00C3FF

Square

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



83D118



00E0FF



C9A1FF



FF7866

Rectangle

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



83D118



00E0A9



C9A1FF



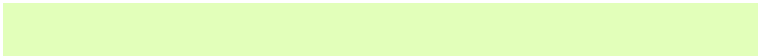
FF66D0

Sweetspot

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



83D118



E2FFBA



D16518



6E8057



000000



808080

Same Dimension

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



83D118



93FF00



27D118



64695E



61A800



182900

Inverse Universe

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



6618D1



6C00FF



C218D1



635E69



4700A8



110029

Previews

White Background



This preview shows how the Hex color 83D118 looks on a white background.

Color Contrast Check

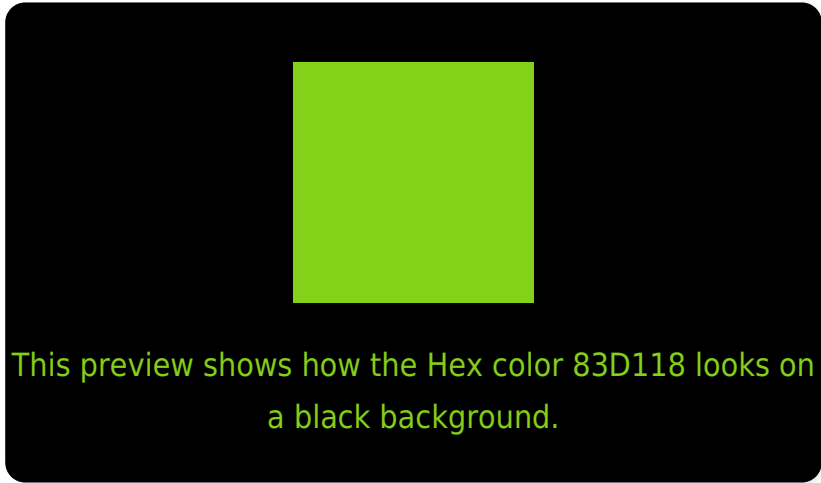
Large Text (above 18pt) WCAG AA × Fail

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 83D118 Background



This preview shows how black text looks on a background with the Hex color 83D118.

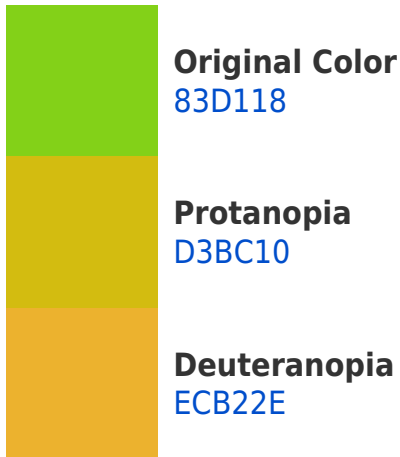


This preview shows how white text looks on a background with the Hex color 83D118.

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
99C2D2

Trichromacy



Original Color
83D118



Protanomaly
B6C413



Deuteranomaly
C6BD26

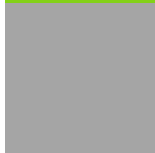


Tritanomaly
91C78E

Monochromacy



Original Color
83D118



Achromatopsia
A5A5A5



Achromatomaly
99B572

CSS Examples

Text

The CSS property to change the color of the text to Hex 83D118 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 #83D118 looks like.

```
.text, #text, p{  
    color:#83D118  
}
```

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 #83D118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D118
}
```

Border

The CSS property to change the border of an element to Hex 83D118 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
#83D118 }
```

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

```
.border{ border-color:#83D118 }
```

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

Here you see how a box with a 4 pixel #83D118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D118; -webkit-box-shadow:4px 4px  
4px 4px #83D118; box-shadow:4px 4px 4px  
4px #83D118 }
```

Background

The CSS property to change the background color of an element to Hex 83D118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D118 }
```

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

```
.background{ background-color:#83D118 }
```

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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