

Converting Colors

Hex(87DD1C)

Have a look what the booklet for
Hex(87DD1C) contains.

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Color

Hex(87DD1C)

Conversions

Conversions Part 1

Format	Color
Hex	87DD1C
RGB	135, 221, 28
RGB Percent	53%, 87%, 11%
CMY	0.4706, 0.1333, 0.8902
CMYK	0.39, 0.00, 0.87, 0.13
HSL	87°, 78%, 49%
HSV	87°, 87%, 87%
XYZ	36.0577, 56.9476, 10.1902
YIQ	173.2840, 10.6970, -78.2550

Conversions

Conversions Part 2

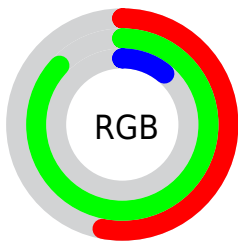
Format	Color
RYB	28, 221, 114
Decimal	8903964
CIELab	80.15, -52.48, 74.97
CIElCh	80, 91.517, 124.993
Yxy	56.9476, 0.3494, 0.5518
Android (android.graphics.Color)	4287094044 (0xFF87DD1C)
YUV	173.2840, -71.6250, -33.5751
Hunter-Lab	75.4637, -46.7713, 44.8184

Details

The Hex color **87DD1C** 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 **721CDD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **C2FF60**, and **4BA500** is the 20% darker color. If you saturate the color by 10%, you get **7DDD06**, and if you desaturate by 10%, it is **91DD32**.

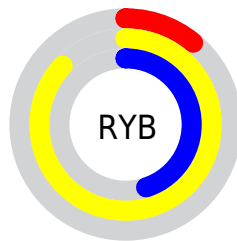
Distribution



Red (53%)

Green (87%)

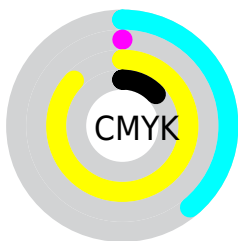
Blue (11%)



Red (11%)

Yellow (87%)

Blue (45%)

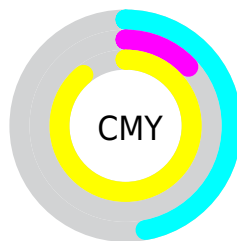


Cyan (39%)

Magenta (0%)

Yellow (87%)

Black (13%)



Cyan (47%)

Magenta (13%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87DD1C 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 87DD1C by changing the saturation by 10% instead.

 87DD1C

 87DD1C

FFFFFF

 69C100

 C2FF60

 4BA500

 E0FF7D

 288A00

 FFFF9A

 007000

 FFFFB7

 005700

 FFFFD4

 003E00

 FFFFF2

 002800

 000100

 000000

 87DD1C

 87DD1C

 7DDD06

 91DD32

 7BDD00

 9BDD48

 A5DD5E

 AEDD74

 B8DD8B

 C2DDA1

 CCDDB7

 D6DDCD

 E0DDE3

Harmonies

Analogous

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



E1C800



87DD1C



00E97A

Triad

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



87DD1C



00E2FF



FF68BC

Complementary

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



87DD1C



721CDD

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.



FF7EFF



87DD1C



00CDFF

Square

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



87DD1C



00ECFF



D8A9FF



FF7F69

Rectangle

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



87DD1C



00ECB5



D8A9FF



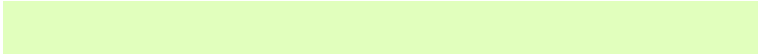
FF6BD9

Sweetspot

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



87DD1C



E1FFBD



DD701C



6E8058



000000



808080

Same Dimension

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



87DD1C



8DFF00



29DD1C



696E63



60AD00



192E00

Inverse Universe

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



721CDD



7200FF



D01CDD



68636E



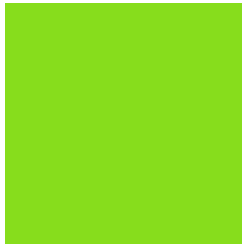
4D00AD



14002E

Previews

White Background



This preview shows how the Hex color 87DD1C looks on a white background.

Color Contrast Check

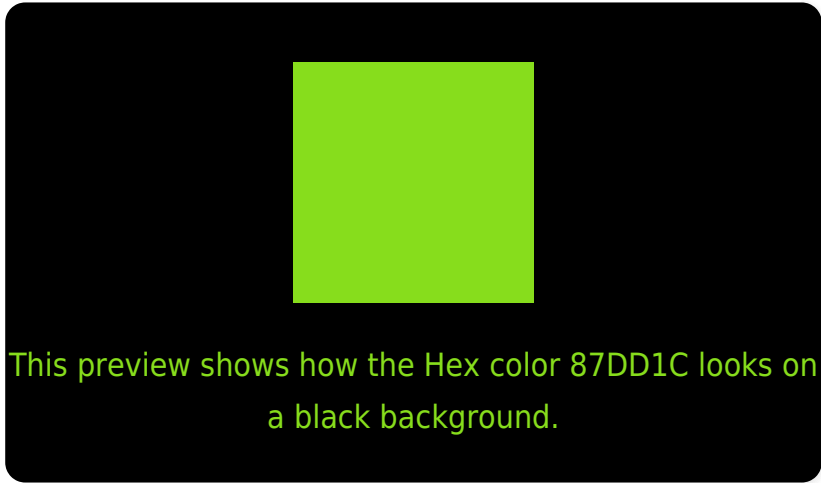
Large Text (above 18pt) WCAG AA × Fail

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 87DD1C Background



This preview shows how black text looks on a background with the Hex color 87DD1C.

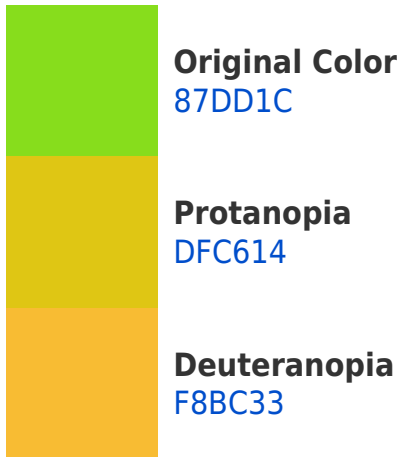


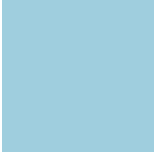
This preview shows how white text looks on a background with the Hex color 87DD1C.

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
9FCEDE

Trichromacy



Original Color
87DD1C



Protanomaly
BFCE17



Deuteranomaly
CFC82B

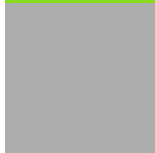


Tritanomaly
96D397

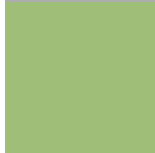
Monochromacy



Original Color
87DD1C



Achromatopsia
ADADAD



Achromatomaly
9FBE78

CSS Examples

Text

The CSS property to change the color of the text to Hex 87DD1C 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 #87DD1C looks like.

```
.text, #text, p{  
    color:#87DD1C  
}
```

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 #87DD1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87DD1C
}
```

Border

The CSS property to change the border of an element to Hex 87DD1C 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
#87DD1C }
```

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

```
.border{ border-color:#87DD1C }
```

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

Here you see how a box with a 4 pixel #87DD1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87DD1C; -webkit-box-shadow:4px 4px  
4px 4px #87DD1C; box-shadow:4px 4px 4px  
4px #87DD1C }
```

Background

The CSS property to change the background color of an element to Hex 87DD1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87DD1C }
```

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

```
.background{ background-color:#87DD1C }
```

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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