

Converting Colors

Hex(88D12D)

Have a look what the booklet for
Hex(88D12D) contains.

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Color

Hex(88D12D)

Conversions

Conversions Part 1

Format	Color
Hex	88D12D
RGB	136, 209, 45
RGB Percent	53%, 82%, 18%
CMY	0.4667, 0.1804, 0.8235
CMYK	0.35, 0.00, 0.78, 0.18
HSL	87°, 65%, 50%
HSV	87°, 78%, 82%
XYZ	33.4275, 51.0246, 10.5696
YIQ	168.4770, 9.1360, -66.4800

Conversions

Conversions Part 2

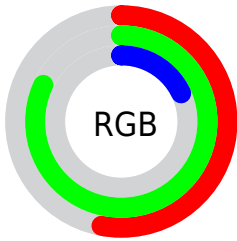
Format	Color
R_{YB}	45, 209, 118
Decimal	8966445
CIE _{Lab}	76.69, -46.61, 67.90
CIE _{LCh}	77, 82.359, 124.468
Yxy	51.0246, 0.3518, 0.5370
Android (android.graphics.Color)	4287156525 (0xFF88D12D)
YUV	168.4770, -60.8742, -28.4823
Hunter-Lab	71.4315, -41.4734, 41.2291

Details

The Hex color **88D12D** 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 **762DD1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C2FF68**, and **4E9A00** is the 20% darker color. If you saturate the color by 10%, you get **7FD118**, and if you desaturate by 10%, it is **91D142**.

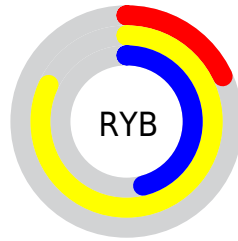
Distribution



Red (53%)

Green (82%)

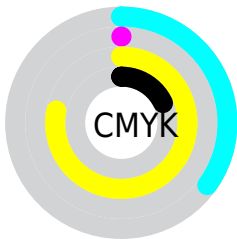
Blue (18%)



Red (18%)

Yellow (82%)

Blue (46%)

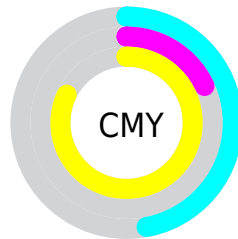


Cyan (35%)

Magenta (0%)

Yellow (78%)

Black (18%)



Cyan (47%)

Magenta (18%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88D12D 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 88D12D by changing the saturation by 10% instead.



88D12D



88D12D

FFFFFF



6BB500



C2FF68



4E9A00



E0FF84



2F8000



FEFFA1



036600



FFFFBD



004D00



FFFFDA



003500



FFFFF8



001F00



000000



88D12D



88D12D

 7FD118

 91D142

 75D103

 9BD157

 74D100

 A4D16C

 ADD181

 B7D196

 C0D1AA

 C9D1BF

 D2D1D4

 DCD1E9

Harmonies

Analogous

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



D7BE00



88D12D



00DC78

Triad

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



88D12D



00D6FF



FF6DB5

Complementary

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



88D12D



762DD1

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.



FF80FF



88D12D



00C3FF

Square

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



88D12D



00DFFF



CCA4FF



FF7F6B

Rectangle

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



88D12D



00DFAC



CCA4FF



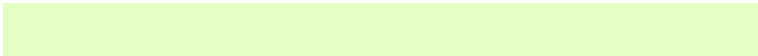
FF70CF

Sweetspot

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



88D12D



E4FFC2



D1742D



6F805B



000000



808080

Same Dimension

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



88D12D



94FF0F



38D12D



64695E



5DA800



172900

Inverse Universe

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



762DD1



7A0FFF



C62DD1



635E69



4B00A8



120029

Previews

White Background



This preview shows how the Hex color 88D12D looks on a white background.

Color Contrast Check

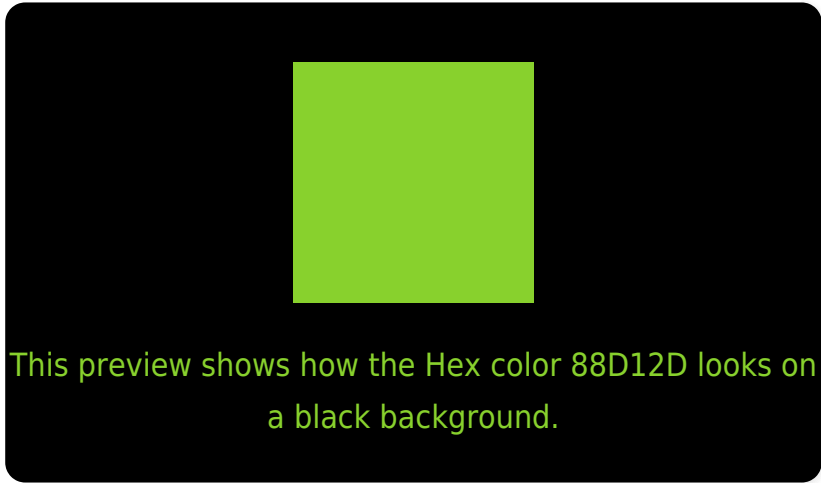
Large Text (above 18pt) WCAG AA × Fail

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 88D12D Background



This preview shows how black text looks on a background with the Hex color 88D12D.

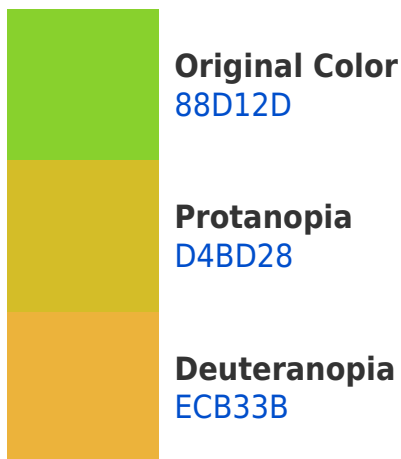


This preview shows how white text looks on a background with the Hex color 88D12D.

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](#).

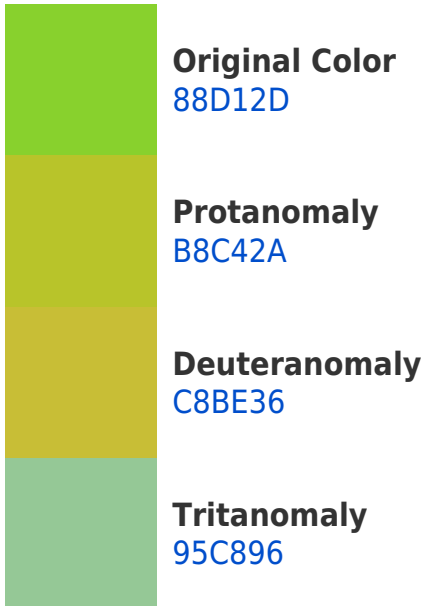
Dichromacy



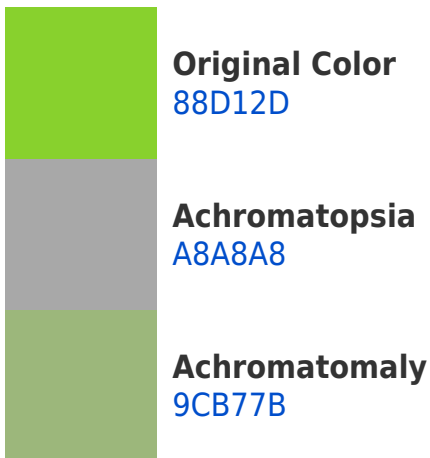


Tritanopia
9DC3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88D12D 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 #88D12D looks like.

```
.text, #text, p{  
    color:#88D12D  
}
```

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 #88D12D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88D12D
}
```

Border

The CSS property to change the border of an element to Hex 88D12D 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
#88D12D }
```

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

```
.border{ border-color:#88D12D }
```

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

Here you see how a box with a 4 pixel #88D12D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88D12D; -webkit-box-shadow:4px 4px  
4px 4px #88D12D; box-shadow:4px 4px 4px  
4px #88D12D }
```

Background

The CSS property to change the background color of an element to Hex 88D12D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88D12D }
```

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

```
.background{ background-color:#88D12D }
```

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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