

Converting Colors

Hex(88DF70)

Have a look what the booklet for
Hex(88DF70) contains.

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Color

Hex(88DF70)

Conversions

Conversions Part 1

Format	Color
Hex	88DF70
RGB	136, 223, 112
RGB Percent	53%, 87%, 44%
CMY	0.4667, 0.1255, 0.5608
CMYK	0.39, 0.00, 0.50, 0.13
HSL	107°, 63%, 66%
HSV	107°, 50%, 87%
XYZ	39.4656, 59.1794, 24.6720
YIQ	184.3330, -16.2210, -52.9650

Conversions

Conversions Part 2

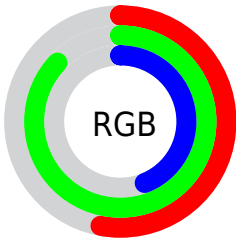
Format	Color
RYB	112, 223, 199
Decimal	8970096
CIELab	81.39, -46.77, 45.98
CIElCh	81, 65.587, 135.484
Yxy	59.1794, 0.3200, 0.4799
Android (android.graphics.Color)	4287160176 (0xFF88DF70)
YUV	184.3330, -35.6602, -42.3880
Hunter-Lab	76.9282, -43.0503, 34.8346

Details

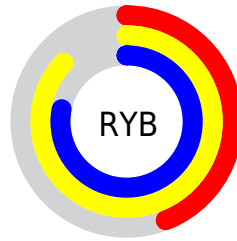
The Hex color **88DF70** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C770DF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C1FFA6**, and **50A73C** is the 20% darker color. If you saturate the color by 10%, you get **77DF5A**, and if you desaturate by 10%, it is **99DF86**.

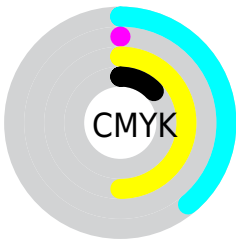
Distribution



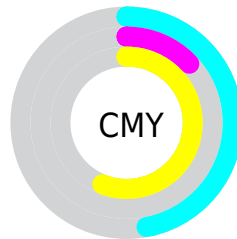
- Red (53%)
- Green (87%)
- Blue (44%)



- Red (44%)
- Yellow (87%)
- Blue (78%)



- Cyan (39%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88DF70 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 88DF70 by changing the saturation by 10% instead.

 88DF70

FFFFFF

 C1FFA6

 DEFFC2

 FCFFDE

 FFFFFB

 88DF70

 6CC356

 50A73C

 328C22

 097200

 005900

 004000

 002B00

 000A00

 000000

 88DF70

 88DF70

 77DF5A

 99DF86

 65DF43


 ABDF9D

 54DF2D

 BCDFB3

 42DF17

 CEDFC9

 31DF01

 DFDFE0

 30DF00

 F1DFF6

 FFDFFF

Harmonies

Analogous

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



CED14C



88DF70



00E7A9

Triad

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



88DF70



00D9FF



FF95AD

Complementary

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



88DF70



C770DF

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.



FF98EB



88DF70



98C6FF

Square

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



88DF70



00E5FF



F7ADFF



FFA575

Rectangle

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



88DF70



00E9D4



F7ADFF



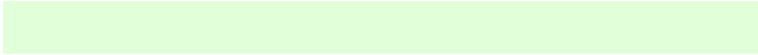
FF93C1

Sweetspot

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



88DF70



E1FFD9



DFC770



6E8069



000000



808080

Same Dimension

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



88DF70



87FF66



70DF8F



677065



26B000



0A3000

Inverse Universe

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



C770DF



DE66FF



DF70C0



6E6570



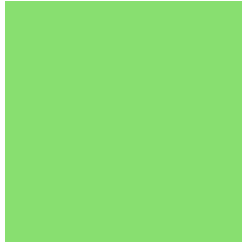
8A00B0



260030

Previews

White Background



This preview shows how the Hex color 88DF70 looks on a white background.

Color Contrast Check

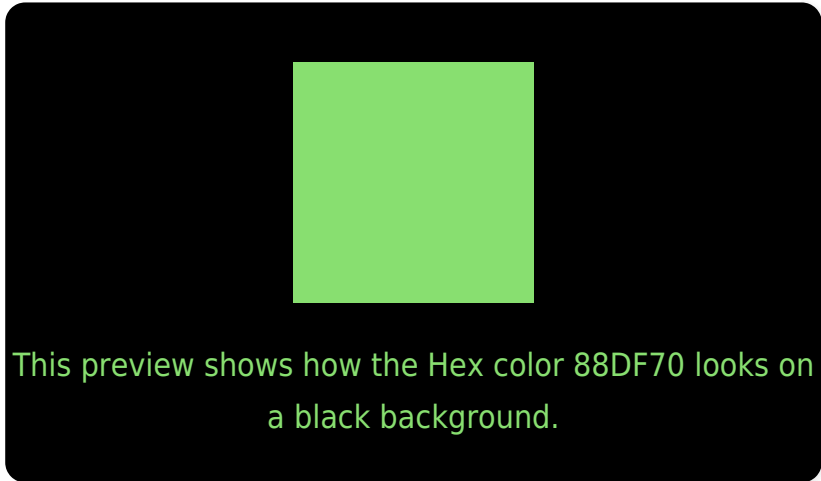
Large Text (above 18pt) WCAG AA × Fail

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 88DF70 Background



This preview shows how black text looks on a background with the Hex color 88DF70.

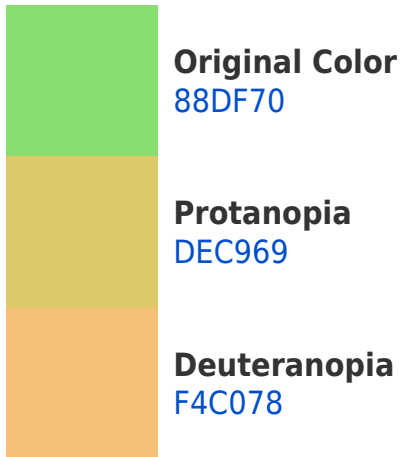


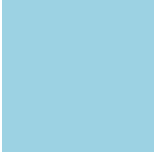
This preview shows how white text looks on a background with the Hex color 88DF70.

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](#).

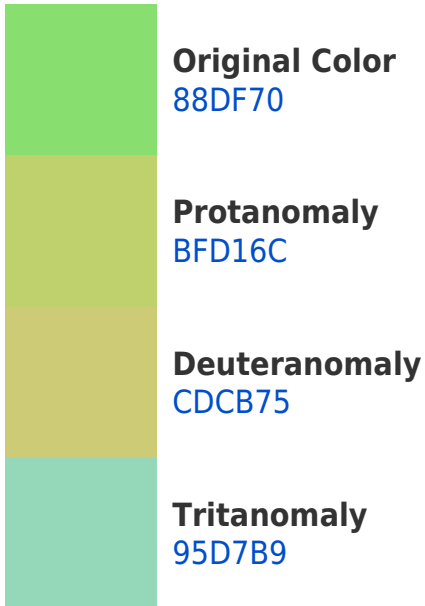
Dichromacy



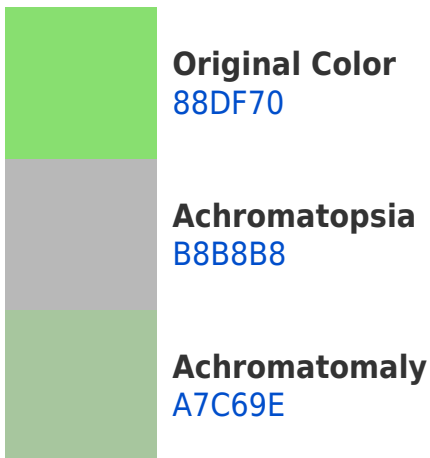


Tritanopia
9CD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88DF70 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 #88DF70 looks like.

```
.text, #text, p{  
    color:#88DF70  
}
```

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 #88DF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88DF70
}
```

Border

The CSS property to change the border of an element to Hex 88DF70 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
#88DF70 }
```

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

```
.border{ border-color:#88DF70 }
```

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

Here you see how a box with a 4 pixel #88DF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88DF70; -webkit-box-shadow:4px 4px  
4px 4px #88DF70; box-shadow:4px 4px 4px  
4px #88DF70 }
```

Background

The CSS property to change the background color of an element to Hex 88DF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88DF70 }
```

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

```
.background{ background-color:#88DF70 }
```

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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