

Converting Colors

Hex(88E005)

Have a look what the booklet for
Hex(88E005) contains.

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Color

Hex(88E005)

Conversions

Conversions Part 1

Format	Color
Hex	88E005
RGB	136, 224, 5
RGB Percent	53%, 88%, 2%
CMY	0.4667, 0.1216, 0.9804
CMYK	0.39, 0.00, 0.98, 0.12
HSL	84°, 96%, 45%
HSV	84°, 98%, 88%
XYZ	36.8364, 58.5565, 9.5046
YIQ	172.7220, 17.8510, -86.7650

Conversions

Conversions Part 2

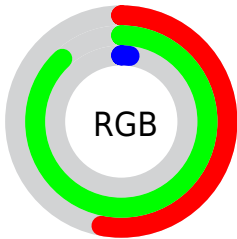
Format	Color
RYB	5, 224, 93
Decimal	8970245
CIELab	81.05, -53.76, 78.60
CIELCh	81, 95.231, 124.372
Yxy	58.5565, 0.3512, 0.5582
Android (android.graphics.Color)	4287160325 (0xFF88E005)
YUV	172.7220, -82.6869, -32.2052
Hunter-Lab	76.5222, -47.9873, 46.2013

Details

The Hex color **88E005** 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 **5D05E0**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **C4FF58**, and **4BA800** is the 20% darker color. If you saturate the color by 10%, you get **86E000**, and if you desaturate by 10%, it is **91E01B**.

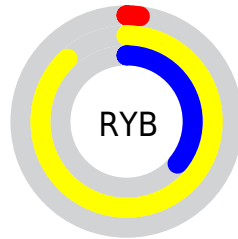
Distribution



Red (53%)

Green (88%)

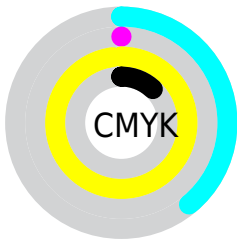
Blue (2%)



Red (2%)

Yellow (88%)

Blue (36%)

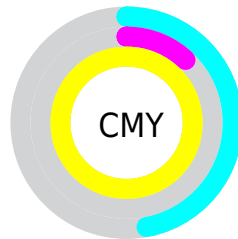


Cyan (39%)

Magenta (0%)

Yellow (98%)

Black (12%)



Cyan (47%)

Magenta (12%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88E005 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 88E005 by changing the saturation by 10% instead.

 88E005

 88E005

FFFFFF

 6AC400

 C4FF58

 4BA800

 E2FF76

 278D00

 FFFF93

 007300

 FFFFB1

 005900

 FFFFCE

 004100

 FFFFEC

 002B00

 000700

 000000

■ 88E005

■ 88E005

■ 86E000

■ 91E01B

■ 9AE032

■ A3E048

■ ACE05F

■ B5E075

■ BEE08B

■ C7E0A2

■ D0E0B8

■ D9E0CF

Harmonies

Analogous

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



E5CA00



88E005



00EC77

Triad

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



88E005



00E6FF



FF63C0

Complementary

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



88E005



5D05E0

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.



FF7DFF



88E005



00D0FF

Square

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



88E005



00F0FF



D7ABFF



FF7C6A

Rectangle

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



88E005



00F0B5



D7ABFF



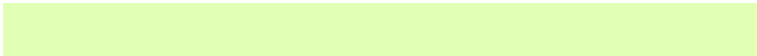
FF67DE

Sweetspot

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



88E005



E1FFB5



E05D05



6E8053



000000



808080

Same Dimension

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



88E005



99FF00



1BE005



6C7065



69B000



1D3000

Inverse Universe

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



5D05E0



6600FF



CA05E0



696570



4700B0



130030

Previews

White Background



This preview shows how the Hex color 88E005 looks on a white background.

Color Contrast Check

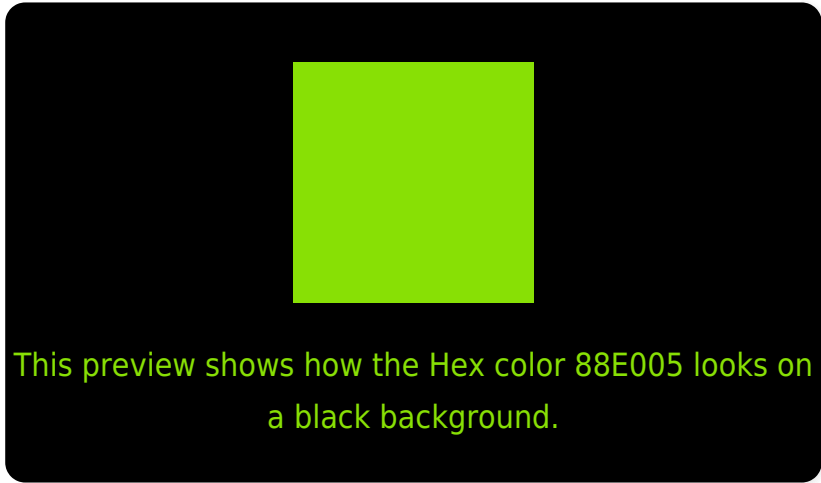
Large Text (above 18pt) WCAG AA × Fail

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 88E005 Background



This preview shows how black text looks on a background with the Hex color 88E005.

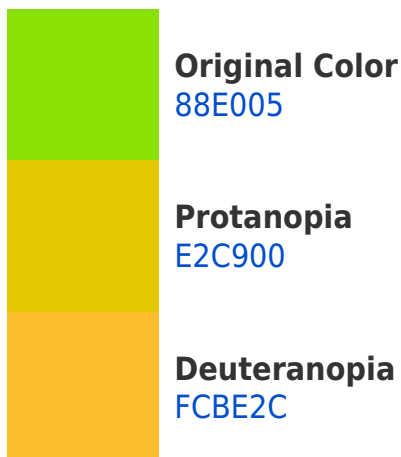


This preview shows how white text looks on a background with the Hex color 88E005.

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
A1D0E1

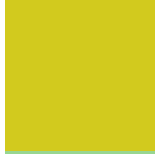
Trichromacy



Original Color
88E005



Protanomaly
C1D102



Deuteranomaly
D2CA1E

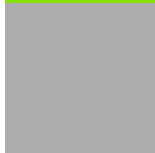


Tritanomaly
98D691

Monochromacy



Original Color
88E005



Achromatopsia
ADADAD



Achromatomaly
A0C070

CSS Examples

Text

The CSS property to change the color of the text to Hex 88E005 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 #88E005 looks like.

```
.text, #text, p{  
    color:#88E005  
}
```

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 #88E005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88E005
}
```

Border

The CSS property to change the border of an element to Hex 88E005 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
#88E005 }
```

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

```
.border{ border-color:#88E005 }
```

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

Here you see how a box with a 4 pixel #88E005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88E005; -webkit-box-shadow:4px 4px  
4px 4px #88E005; box-shadow:4px 4px 4px  
4px #88E005 }
```

Background

The CSS property to change the background color of an element to Hex 88E005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88E005 }
```

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

```
.background{ background-color:#88E005 }
```

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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