

Converting Colors

Hex(88E206)

Have a look what the booklet for
Hex(88E206) contains.

Hex(88E206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(88E206)

Conversions

Conversions Part 1

Format	Color
Hex	88E206
RGB	136, 226, 6
RGB Percent	53%, 89%, 2%
CMY	0.4667, 0.1137, 0.9765
CMYK	0.40, 0.00, 0.97, 0.11
HSL	85°, 95%, 45%
HSV	85°, 97%, 89%
XYZ	37.3826, 59.6401, 9.7137
YIQ	174.0100, 16.9800, -87.5000

Conversions

Conversions Part 2

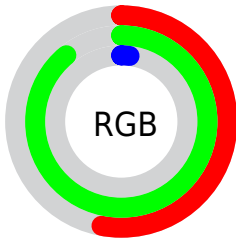
Format	Color
RYB	6, 226, 96
Decimal	8970758
CIELab	81.64, -54.53, 78.98
CIELCh	82, 95.981, 124.624
Yxy	59.6401, 0.3502, 0.5588
Android (android.graphics.Color)	4287160838 (0xFF88E206)
YUV	174.0100, -82.8289, -33.3348
Hunter-Lab	77.2270, -48.7424, 46.6013

Details

The Hex color **88E206** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **6006E2**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **C4FF59**, and **4BAA00** is the 20% darker color. If you saturate the color by 10%, you get **86E200**, and if you desaturate by 10%, it is **91E21D**.

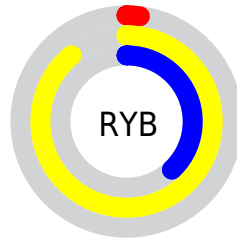
Distribution



Red (53%)

Green (89%)

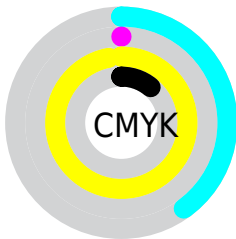
Blue (2%)



Red (2%)

Yellow (89%)

Blue (38%)

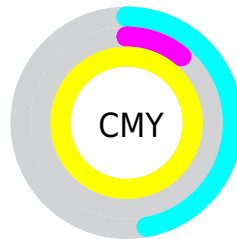


Cyan (40%)

Magenta (0%)

Yellow (97%)

Black (11%)



Cyan (47%)

Magenta (11%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88E206 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 88E206 by changing the saturation by 10% instead.

 88E206

 88E206

FFFFFF

 6AC600

 C4FF59

 4BAA00

 E2FF77

 268F00

 FFFF94

 007500

 FFFFB1

 005B00

 FFFFCF

 004200

 FFFFED

 002C00

 000B00

 000000

■ 88E206

■ 88E206

■ 86E200

■ 91E21D

■ 9AE233

■ A4E24A

■ ADE260

■ B6E277

■ BFE28E

■ C9E2A4

■ D2E2BB

■ DBE2D1

Harmonies

Analogous

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



E6CC00



88E206



00EE79

Triad

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



88E206



00E8FF



FF64C1

Complementary

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



88E206



6006E2

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



88E206



00D2FF

Square

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



88E206



00F2FF



DAACFF



FF7E6A

Rectangle

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



88E206



00F2B7



DAACFF



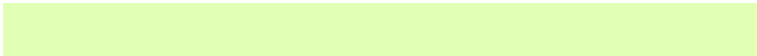
FF67DF

Sweetspot

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



88E206



E1FFB5



E25E06



6D8053



000000



808080

Same Dimension

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



88E206



97FF00



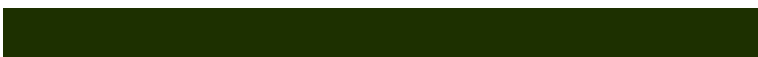
1CE206



6C7065



68B000



1D3000

Inverse Universe

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



6006E2



6800FF



CC06E2



6A6570



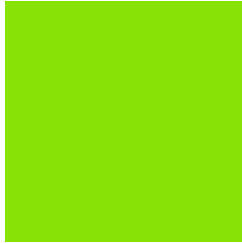
4800B0



140030

Previews

White Background



This preview shows how the Hex color 88E206 looks on a white background.

Color Contrast Check

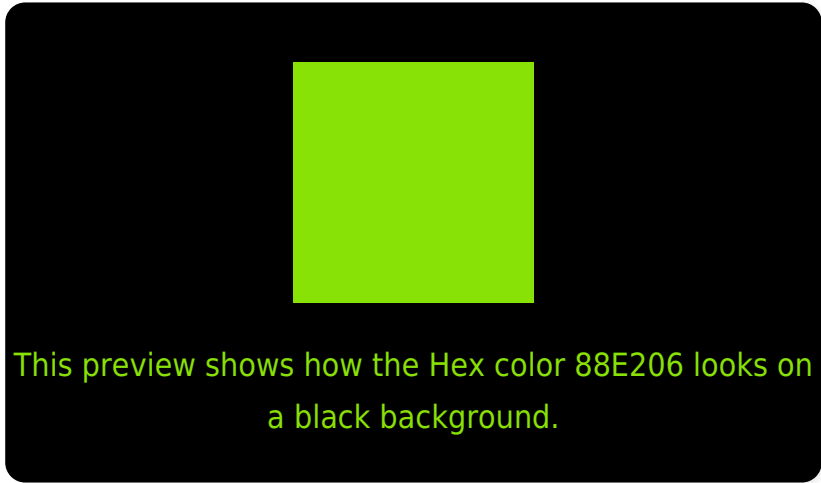
Large Text (above 18pt) WCAG AA × Fail

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 88E206 Background



This preview shows how black text looks on a background with the Hex color 88E206.

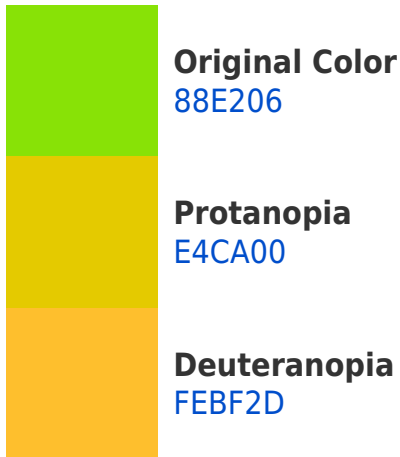


This preview shows how white text looks on a background with the Hex color 88E206.

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
A1D2E3

Trichromacy



Original Color
88E206



Protanomaly
C3D302



Deuteranomaly
D3CC1F

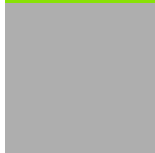


Tritanomaly
98D893

Monochromacy



Original Color
88E206



Achromatopsia
AEAEAE



Achromatomaly
A0C171

CSS Examples

Text

The CSS property to change the color of the text to Hex 88E206 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 #88E206 looks like.

```
.text, #text, p{  
    color:#88E206  
}
```

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 #88E206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88E206
}
```

Border

The CSS property to change the border of an element to Hex 88E206 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
#88E206 }
```

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

```
.border{ border-color:#88E206 }
```

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

Here you see how a box with a 4 pixel #88E206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88E206; -webkit-box-shadow:4px 4px  
4px 4px #88E206; box-shadow:4px 4px 4px  
4px #88E206 }
```

Background

The CSS property to change the background color of an element to Hex 88E206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88E206 }
```

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

```
.background{ background-color:#88E206 }
```

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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