

Converting Colors

Hex(8FE200)

Have a look what the booklet for
Hex(8FE200) contains.

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Color

Hex(8FE200)

Conversions

Conversions Part 1

Format	Color
Hex	8FE200
RGB	143, 226, 0
RGB Percent	56%, 89%, 0%
CMY	0.4392, 0.1137, 1.0000
CMYK	0.37, 0.00, 1.00, 0.11
HSL	82°, 100%, 44%
HSV	82°, 100%, 89%
XYZ	38.5240, 60.2324, 9.5956
YIQ	175.4190, 23.0780, -87.8820

Conversions

Conversions Part 2

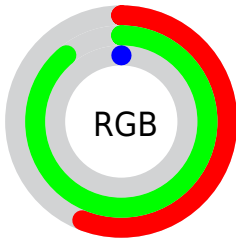
Format	Color
RYB	0, 226, 83
Decimal	9429504
CIELab	81.96, -52.23, 79.90
CIELCh	82, 95.459, 123.173
Yxy	60.2324, 0.3555, 0.5559
Android (android.graphics.Color)	4287619584 (0xFF8FE200)
YUV	175.4190, -86.4816, -28.4315
Hunter-Lab	77.6095, -47.2122, 46.9961

Details

The Hex color **8FE200** 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 **5300E2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CBFF58**, and **53AA00** is the 20% darker color. If you saturate the color by 10%, you get **8FE200**, and if you desaturate by 10%, it is **97E217**.

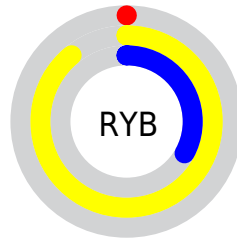
Distribution



Red (56%)

Green (89%)

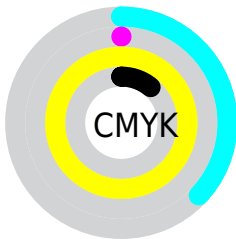
Blue (0%)



Red (0%)

Yellow (89%)

Blue (33%)

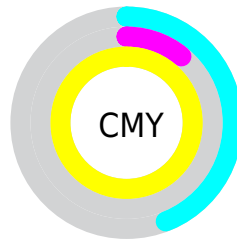


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (44%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FE200 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 8FE200 by changing the saturation by 10% instead.

 8FE200

 8FE200

FFFFFF

 71C600

 CBFF58

 53AA00

 E9FF76

 318F00

 FFFF93

 007500

 FFFF80

 005B00

 FFFFCE

 004300

 FFFFEC

 002D00

 000D00

 000000

 8FE200

 97E217

 A0E22D

 A8E244

 B0E25A

 B9E271

 C1E288

 C9E29E

 D1E2B5

 DAE2CB

Harmonies

Analogous

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



EBCB00



8FE200



00EE76

Triad

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



8FE200



00EAFB



FF66C6

Complementary

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



8FE200



5300E2

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.



FF81FF



8FE200



00D4FF

Square

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



8FE200



00F3FF



D4AFFF



FF7D6F

Rectangle

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



8FE200



00F3B4



D4AFFF



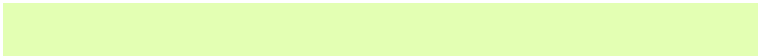
FF6AE4

Sweetspot

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



8FE200



E3FFB3



E25300



6F8052



000000



808080

Same Dimension

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



8FE200



A1FF00



1EE200



6C7065



6FB000



1F3000

Inverse Universe

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



5300E2



5E00FF



C400E2



696570



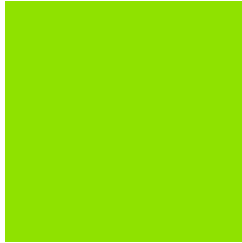
4100B0



120030

Previews

White Background



This preview shows how the Hex color 8FE200 looks on a white background.

Color Contrast Check

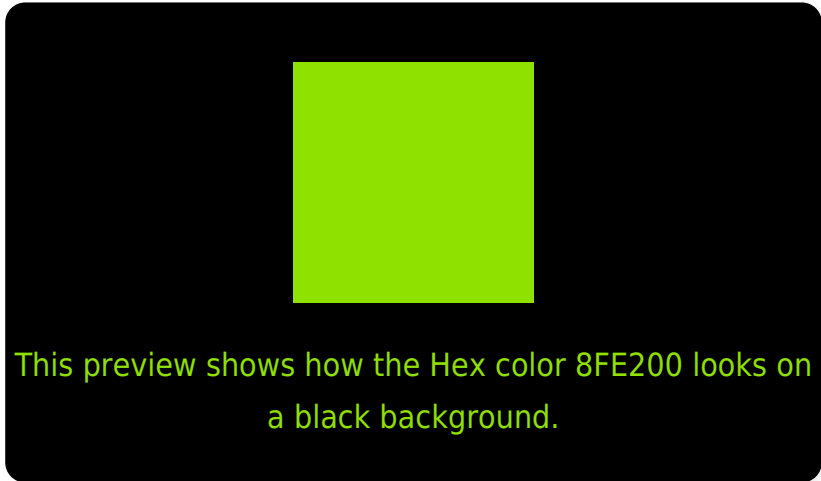
Large Text (above 18pt) WCAG AA × Fail

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 8FE200 Background



This preview shows how black text looks on a background with the Hex color 8FE200.

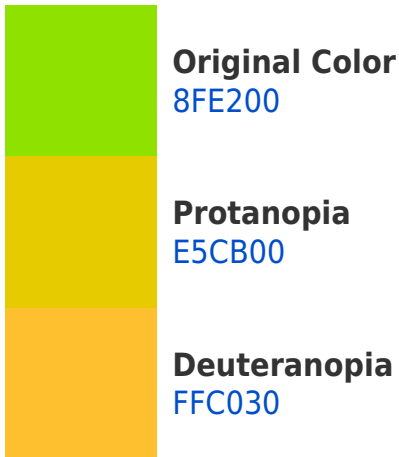


This preview shows how white text looks on a background with the Hex color 8FE200.

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
A7D2E3

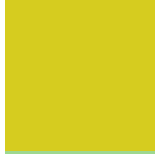
Trichromacy



Original Color
8FE200



Protanomaly
C6D300



Deuteranomaly
D6CC1F

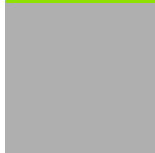


Tritanomaly
9ED890

Monochromacy



Original Color
8FE200



Achromatopsia
AFAFAF



Achromatomaly
A3C26F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FE200 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 #8FE200 looks like.

```
.text, #text, p{  
    color:#8FE200  
}
```

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 #8FE200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FE200
}
```

Border

The CSS property to change the border of an element to Hex 8FE200 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
#8FE200 }
```

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

```
.border{ border-color:#8FE200 }
```

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

Here you see how a box with a 4 pixel #8FE200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FE200; -webkit-box-shadow:4px 4px  
4px 4px #8FE200; box-shadow:4px 4px 4px  
4px #8FE200 }
```

Background

The CSS property to change the background color of an element to Hex 8FE200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FE200 }
```

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

```
.background{ background-color:#8FE200 }
```

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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