

Converting Colors

Hex(86F20D)

Have a look what the booklet for
Hex(86F20D) contains.

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Color

Hex(86F20D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 86F20D |
| RGB | 134, 242, 13 |
| RGB Percent | 53%, 95%, 5% |
| CMY | 0.4745, 0.0510, 0.9490 |
| CMYK | 0.45, 0.00, 0.95, 0.05 |
| HSL | 88°, 90%, 50% |
| HSV | 88°, 95%, 95% |
| XYZ | 41.6563, 68.6017, 11.4267 |
| YIQ | 183.6020, 9.1410, -94.1150 |

Conversions

Conversions Part 2

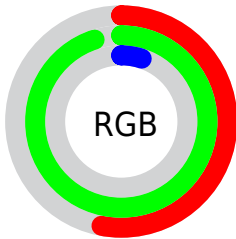
| Format | Color |
|-------------------------------------|--|
| RYB | 13, 242, 121 |
| Decimal | 8843789 |
| CIELab | 86.31, -61.18, 82.05 |
| CIELCh | 86, 102.351, 126.709 |
| Yxy | 68.6017, 0.3423, 0.5638 |
| Android (android.graphics.Color) | 4287033869 (0xFF86F20D) |
| YUV | 183.6020, -84.1068, -43.5010 |
| Hunter-Lab | 82.8261, -55.1715, 49.7986 |

Details

The Hex color **86F20D** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark saturated chartreuse. A complement of this color would be **790DF2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C3FF5E**, and **45B900** is the 20% darker color. If you saturate the color by 10%, you get **80F200**, and if you desaturate by 10%, it is **91F225**.

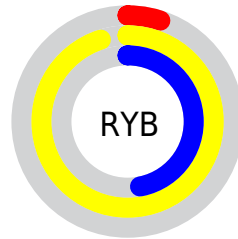
Distribution



Red (53%)

Green (95%)

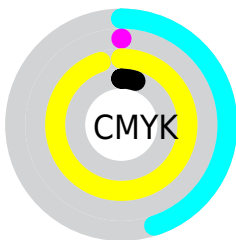
Blue (5%)



Red (5%)

Yellow (95%)

Blue (47%)

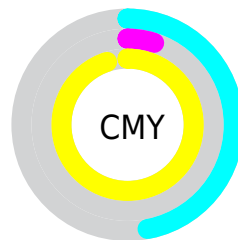


Cyan (45%)

Magenta (0%)

Yellow (95%)

Black (5%)



Cyan (47%)

Magenta (5%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86F20D 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 86F20D by changing the saturation by 10% instead.

 86F20D

 86F20D

FFFFFF

 67D500


 C3FF5E

 45B900

 E2FF7C

 199D00

 FFFF9A

 008200

 FFFFB7

 006800

 FFFFD5

 004F00

 FFFFF3

 003700

 001E00

 000000

 86F20D

 86F20D

 80F200

 91F225

 9DF23D

 A8F256

 B4F26E

 BFF286

 CAF29E

 D6F2B6

 E1F2CF

 EDF2E7

Harmonies

Analogous

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



EFDB00



86F20D



00FE86

Triad

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



86F20D



00F6FF



FF67C6

Complementary

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



86F20D



790DF2

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



86F20D



00DDFF

Square

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



86F20D



00FFFF



F3B3FF



FF8769

Rectangle

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



86F20D



00FFCA



F3B3FF



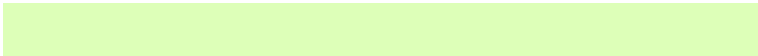
FF69E7

Sweetspot

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



86F20D



DFFB8



F2780D



6B8054



000000



808080

Same Dimension

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



86F20D



87FF00



15F20D



72786C



61B800



1E3800

Inverse Universe

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



790DF2



7800FF



EA0DF2



726C78



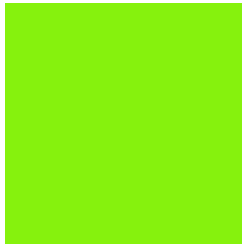
5700B8



1A0038

Previews

White Background



This preview shows how the Hex color 86F20D looks on a white background.

Color Contrast Check

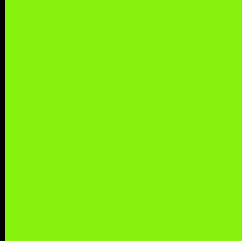
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 86F20D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

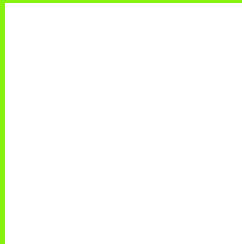
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 86F20D Background



This preview shows how black text looks on a background with the Hex color 86F20D.



This preview shows how white text looks on a background with the Hex color 86F20D.

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



Original Color
86F20D

Protanopia
F2D700

Deuteranopia
FFCF81

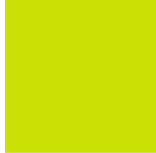


Tritanopia
A3E1F3

Trichromacy



Original Color
86F20D



Protanomaly
CBE105



Deuteranomaly
D3DC57

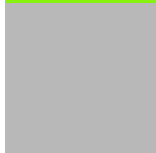


Tritanomaly
98E79F

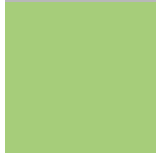
Monochromacy



Original Color
86F20D



Achromatopsia
B8B8B8



Achromatomaly
A6CD7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 86F20D 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 #86F20D looks like.

```
.text, #text, p{  
    color:#86F20D  
}
```

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 #86F20D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86F20D
}
```

Border

The CSS property to change the border of an element to Hex 86F20D 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
#86F20D }
```

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

```
.border{ border-color:#86F20D }
```

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

Here you see how a box with a 4 pixel #86F20D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86F20D; -webkit-box-shadow:4px 4px  
4px 4px #86F20D; box-shadow:4px 4px 4px  
4px #86F20D }
```

Background

The CSS property to change the background color of an element to Hex 86F20D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86F20D }
```

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

```
.background{ background-color:#86F20D }
```

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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