

Converting Colors

Hex(82FF0A)

Have a look what the booklet for
Hex(82FF0A) contains.

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Color

Hex(82FF0A)

Conversions

Conversions Part 1

Format	Color
Hex	82FF0A
RGB	130, 255, 10
RGB Percent	51%, 100%, 4%
CMY	0.4902, 0.0000, 0.9608
CMYK	0.49, 0.00, 0.96, 0.00
HSL	91°, 100%, 52%
HSV	91°, 96%, 100%
XYZ	45.0207, 76.2877, 12.6393
YIQ	189.6950, 4.1450, -102.6950

Conversions

Conversions Part 2

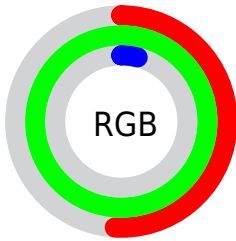
Format	Color
R _Y B	10, 255, 135
Decimal	8584970
CIE Lab	89.99, -67.11, 85.18
CIE LCh	90, 108.442, 128.231
Yxy	76.2877, 0.3361, 0.5695
Android (android.graphics.Color)	4286775050 (0xFF82FF0A)
YUV	189.6950, -88.5896, -52.3525
Hunter-Lab	87.3429, -60.8425, 52.5602

Details

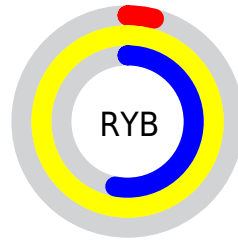
The Hex color **82FF0A** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **870AFF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C1FF5F**, and **3DC500** is the 20% darker color. If you saturate the color by 10%, you get **7DFF00**, and if you desaturate by 10%, it is **8FFF23**.

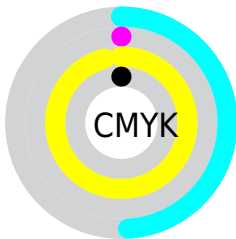
Distribution



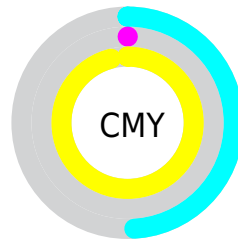
- Red (51%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (53%)



- Cyan (49%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82FF0A 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 82FF0A by changing the saturation by 10% instead.

 82FF0A

 82FF0A

FFFFFF

 61E200


 C1FF5F

 3DC500

 E0FF7E

 00A900

 FFFF9C

 008E00

 FFFFBA

 007300

 FFFFD8

 005900

 FFFFF6

 004000

 002800

 000000

 82FF0A

 82FF0A

 7DFF00

 8FFF23

 9CFF3D

 A9FF57

 B6FF70

 C3FF8A

 D0FFA3

 DDFFB D

 EAFFD6

 F7FFF0

Harmonies

Analogous

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



F5E700



82FF0A



00FF90

Triad

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



82FF0A



00FFFF



FF67CA

Complementary

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



82FF0A



870AFF

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



82FF0A



00E6FF

Square

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



82FF0A



00FFFF



FFB8FF



FF8D67

Rectangle

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



82FF0A



00FFD9



FFB8FF



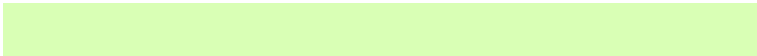
FF67ED

Sweetspot

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



82FF0A



D9FFB5



FF840A



698053



000000



808080

Same Dimension

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



82FF0A



7DFF00



0AFF0A



798073



5EBF00



1F4000

Inverse Universe

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



870AFF



8200FF



FF0AFF



797380



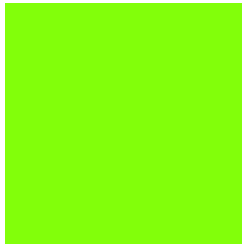
6200BF



210040

Previews

White Background



This preview shows how the Hex color 82FF0A looks on a white background.

Color Contrast Check

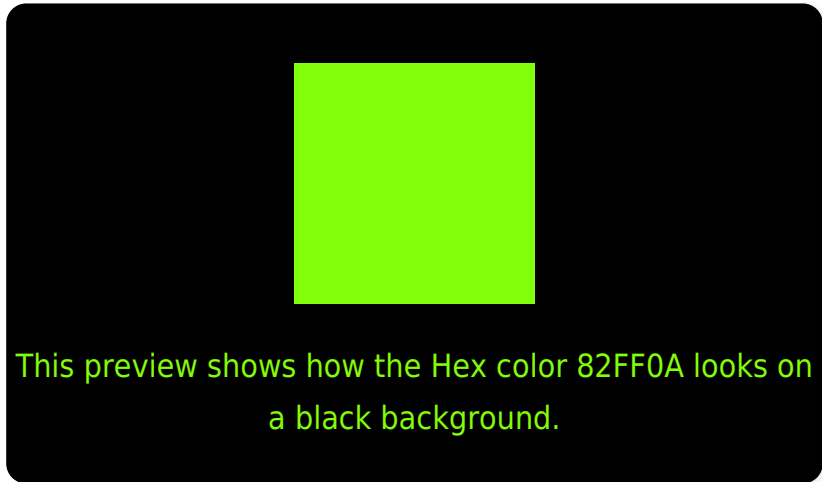
Large Text (above 18pt) WCAG AA × Fail

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

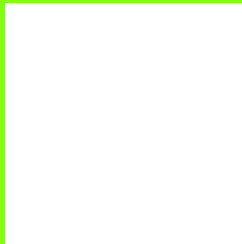
Any Text WCAG AAA ✓ Pass

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

Hex 82FF0A Background



This preview shows how black text looks on a background with the Hex color 82FF0A.

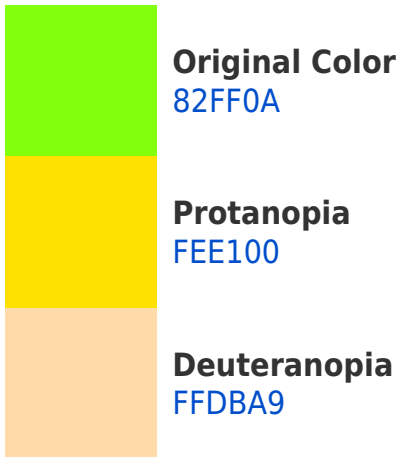


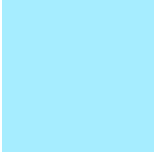
This preview shows how white text looks on a background with the Hex color 82FF0A.

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](#).

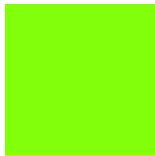
Dichromacy





Tritanopia
A6EDFF

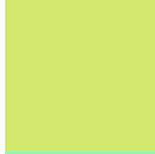
Trichromacy



Original Color
82FF0A



Protanomaly
D1EC04



Deuteranomaly
D2E86F

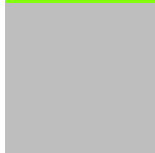


Tritanomaly
99F4A6

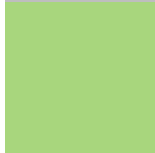
Monochromacy



Original Color
82FF0A



Achromatopsia
BEBEBE



Achromatomaly
A8D67D

CSS Examples

Text

The CSS property to change the color of the text to Hex 82FF0A 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 #82FF0A looks like.

```
.text, #text, p{  
    color:#82FF0A  
}
```

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 #82FF0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FF0A
}
```

Border

The CSS property to change the border of an element to Hex 82FF0A 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
#82FF0A }
```

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

```
.border{ border-color:#82FF0A }
```

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

Here you see how a box with a 4 pixel #82FF0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FF0A; -webkit-box-shadow:4px 4px  
4px 4px #82FF0A; box-shadow:4px 4px 4px  
4px #82FF0A }
```

Background

The CSS property to change the background color of an element to Hex 82FF0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FF0A }
```

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

```
.background{ background-color:#82FF0A }
```

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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