

Converting Colors

Hex(82F240)

Have a look what the booklet for
Hex(82F240) contains.

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Color

Hex(82F240)

Conversions

Conversions Part 1

Format	Color
Hex	82F240
RGB	130, 242, 64
RGB Percent	51%, 95%, 25%
CMY	0.4902, 0.0510, 0.7490
CMYK	0.46, 0.00, 0.74, 0.05
HSL	98°, 87%, 60%
HSV	98°, 74%, 95%
XYZ	41.8835, 68.6203, 15.8880
YIQ	188.2200, -9.6140, -79.1020

Conversions

Conversions Part 2

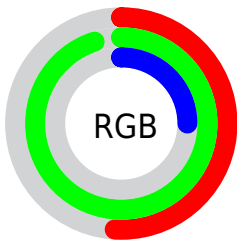
Format	Color
RYB	64, 242, 176
Decimal	8581696
CIELab	86.32, -60.53, 71.11
CIELCh	86, 93.386, 130.404
Yxy	68.6203, 0.3314, 0.5429
Android (android.graphics.Color)	4286771776 (0xFF82F240)
YUV	188.2200, -61.2405, -51.0589
Hunter-Lab	82.8373, -54.7138, 46.6144

Details

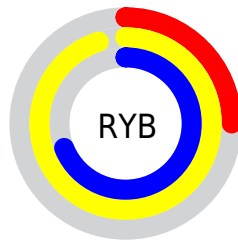
The Hex color **82F240** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **B040F2**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BEFF7B**, and **42B900** is the 20% darker color. If you saturate the color by 10%, you get **73F228**, and if you desaturate by 10%, it is **91F258**.

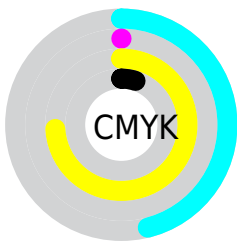
Distribution



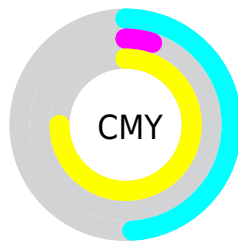
- Red (51%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (74%)
- Black (5%)



- Cyan (49%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82F240 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 82F240 by changing the saturation by 10% instead.

 82F240

 82F240

FFFFFF

 63D51C

 BEFF7B

 42B900

 DDF97

 159D00

 FBFFB4

 008200

 FFFFD1

 006800

 FFFFEF

 004F00

 003700


 001E00

 000000

 82F240

 82F240

 73F228

 91F258

 64F210

 A0F270

 5AF200

 B0F289

 BFF2A1

 CEF2B9

 DDF2D1

 EDF2E9

 FCF2FF

 FFF2FF

Harmonies

Analogous

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



E5DE00



82F240



00FD99

Triad

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



82F240



00F2FF



FF7ABD

Complementary

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



82F240



B040F2

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.



FF88FF



82F240



02D8FF

Square

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



82F240



00FEFF



FFB2FF



FF9669

Rectangle

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



82F240



00FFD7



FFB2FF



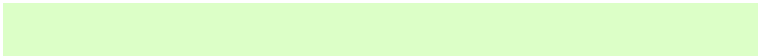
FF7ADB

Sweetspot

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



82F240



DCFFC7



F2AE40



6B805E



000000



808080

Same Dimension

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



82F240



72FF1F



40F255



70786C



44B800



153800

Inverse Universe

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



B040F2



AC1FFF



F240DD



736C78



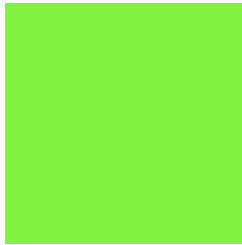
7400B8



230038

Previews

White Background



This preview shows how the Hex color 82F240 looks on a white background.

Color Contrast Check

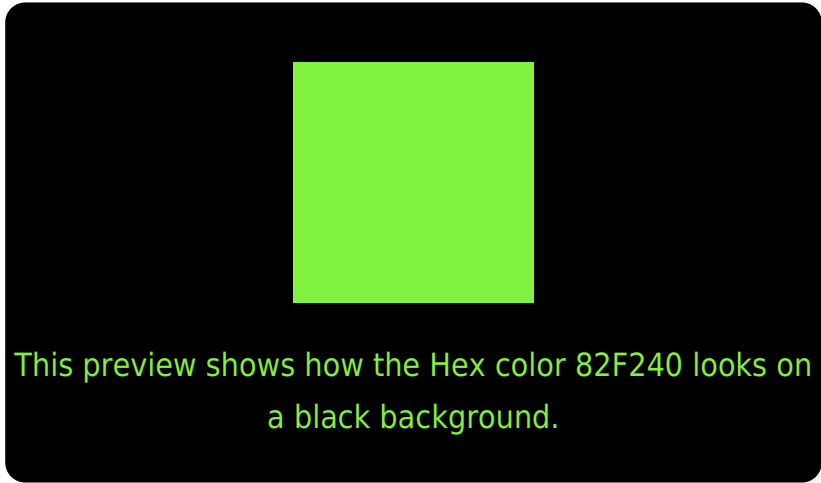
Large Text (above 18pt) WCAG AA × Fail

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

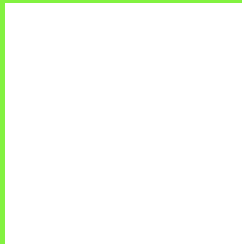
Any Text WCAG AAA ✓ Pass

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

Hex 82F240 Background



This preview shows how black text looks on a background with the Hex color 82F240.

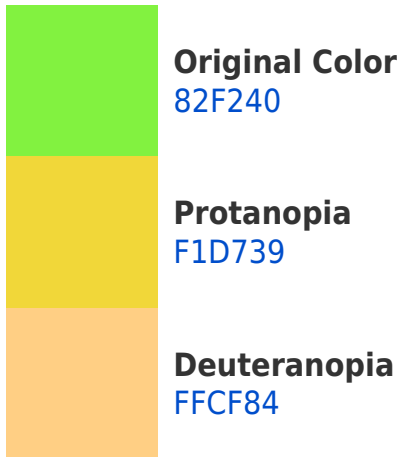


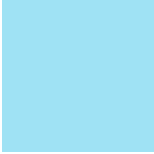
This preview shows how white text looks on a background with the Hex color 82F240.

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
9FE2F4

Trichromacy



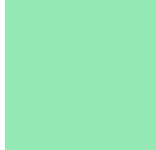
Original Color
82F240



Protanomaly
C9E13C



Deuteranomaly
D2DC6B

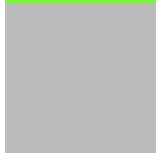


Tritanomaly
94E8B3

Monochromacy



Original Color
82F240



Achromatopsia
BCBCBC



Achromatomaly
A7D08F

CSS Examples

Text

The CSS property to change the color of the text to Hex 82F240 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 #82F240 looks like.

```
.text, #text, p{  
    color:#82F240  
}
```

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 #82F240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82F240
}
```

Border

The CSS property to change the border of an element to Hex 82F240 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
#82F240 }
```

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

```
.border{ border-color:#82F240 }
```

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

Here you see how a box with a 4 pixel #82F240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82F240; -webkit-box-shadow:4px 4px  
4px 4px #82F240; box-shadow:4px 4px 4px  
4px #82F240 }
```

Background

The CSS property to change the background color of an element to Hex 82F240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82F240 }
```

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

```
.background{ background-color:#82F240 }
```

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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