

Converting Colors

Hex(78F241)

Have a look what the booklet for
Hex(78F241) contains.

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Color

Hex(78F241)

Conversions

Conversions Part 1

Format	Color
Hex	78F241
RGB	120, 242, 65
RGB Percent	47%, 95%, 25%
CMY	0.5294, 0.0510, 0.7451
CMYK	0.50, 0.00, 0.73, 0.05
HSL	101°, 87%, 60%
HSV	101°, 73%, 95%
XYZ	40.4520, 67.8790, 15.9709
YIQ	185.3440, -15.8950, -80.9110

Conversions

Conversions Part 2

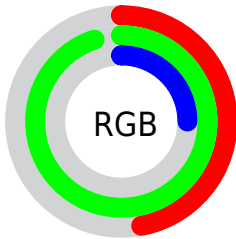
Format	Color
RYB	65, 242, 187
Decimal	7926337
CIELab	85.95, -63.32, 70.29
CIELCh	86, 94.608, 132.013
Yxy	67.8790, 0.3254, 0.5461
Android (android.graphics.Color)	4286116417 (0xFF78F241)
YUV	185.3440, -59.3296, -57.3067
Hunter-Lab	82.3887, -56.5386, 46.1788

Details

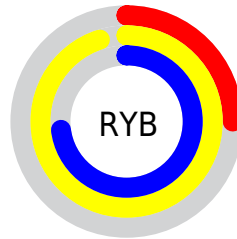
The Hex color **78F241** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **BB41F2**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B5FF7B**, and **34B900** is the 20% darker color. If you saturate the color by 10%, you get **67F229**, and if you desaturate by 10%, it is **89F259**.

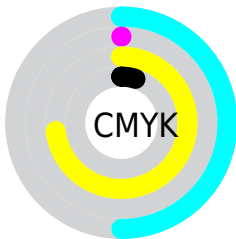
Distribution



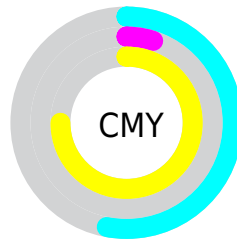
- Red (47%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (73%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78F241 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 78F241 by changing the saturation by 10% instead.

 78F241

 78F241

FFFFFF

 58D51E

 B5FF7B

 34B900

 D4FF98

 009D00

 F2FFB5

 008200

 FFFFD2

 006800

 FFFFEF

 004E00

 003700

 001D00

 000000

 78F241

 78F241

 67F229

 89F259

 57F211

 99F271

 4BF200

 AAF28A

 BBF2A2

 CBF2BA

 DCF2D2

 EDF2EA

 FDF2FF

 FFF2FF

Harmonies

Analogous

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



DFDE00



78F241



00FC9C

Triad

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



78F241



00F0FF



FF77B7

Complementary

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



78F241



BB41F2

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.



FF83FF



78F241



31D6FF

Square

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



78F241



00DFF



FFAEFF



FF9662

Rectangle

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



78F241



00FFDB



FFAEFF



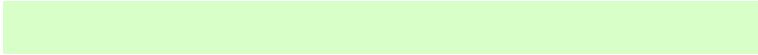
FF76D5

Sweetspot

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



78F241



D8FFC7



F2BA41



69805E



000000



808080

Same Dimension

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



78F241



64FF1F



41F261



70786C



39B800



113800

Inverse Universe

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



BB41F2



B91FFF



F241D2



746C78



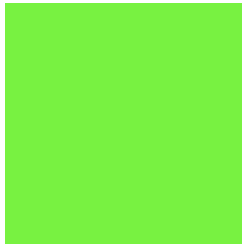
7F00B8



270038

Previews

White Background



This preview shows how the Hex color 78F241 looks on a white background.

Color Contrast Check

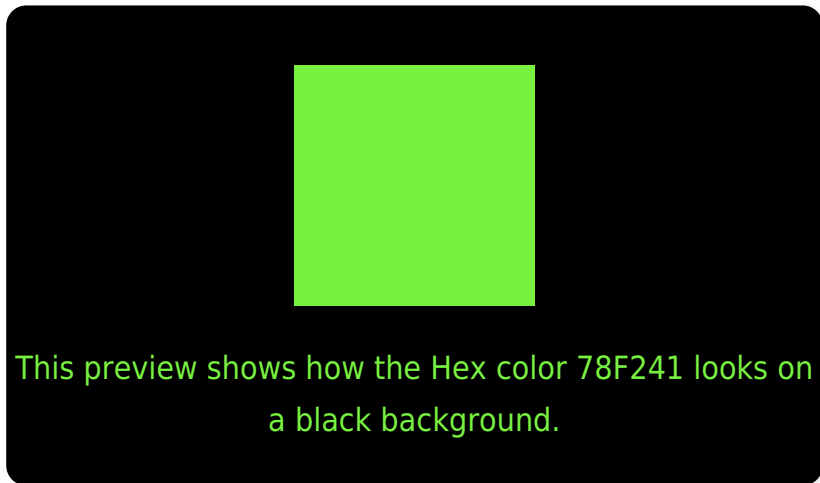
Large Text (above 18pt) WCAG AA × Fail

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

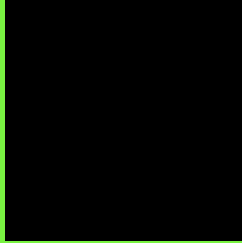
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

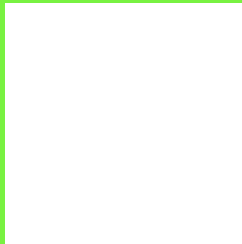
Any Text WCAG AAA ✓ Pass

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

Hex 78F241 Background



This preview shows how black text looks on a background with the Hex color 78F241.

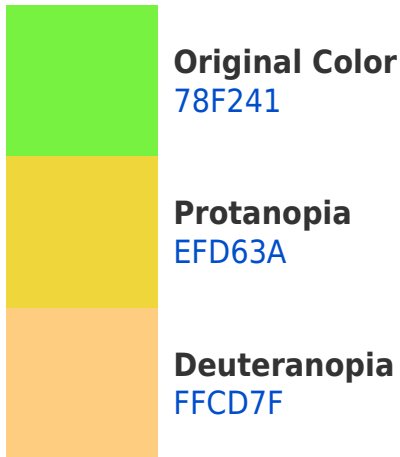


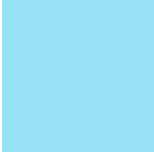
This preview shows how white text looks on a background with the Hex color 78F241.

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](#).

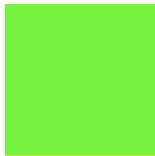
Dichromacy





Tritanopia
97E2F4

Trichromacy



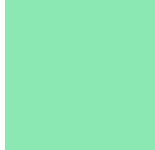
Original Color
78F241



Protanomaly
C4E03D



Deuteranomaly
CEDA68

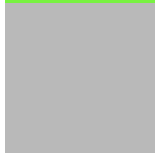


Tritanomaly
8CE8B3

Monochromacy



Original Color
78F241



Achromatopsia
B9B9B9



Achromatomaly
A1CE8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 78F241 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 #78F241 looks like.

```
.text, #text, p{  
    color:#78F241  
}
```

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 #78F241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78F241
}
```

Border

The CSS property to change the border of an element to Hex 78F241 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
#78F241 }
```

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

```
.border{ border-color:#78F241 }
```

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

Here you see how a box with a 4 pixel #78F241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78F241; -webkit-box-shadow:4px 4px  
4px 4px #78F241; box-shadow:4px 4px 4px  
4px #78F241 }
```

Background

The CSS property to change the background color of an element to Hex 78F241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78F241 }
```

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

```
.background{ background-color:#78F241 }
```

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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