

Converting Colors

Hex(7EF230)

Have a look what the booklet for
Hex(7EF230) contains.

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Color

Hex(7EF230)

Conversions

Conversions Part 1

Format	Color
Hex	7EF230
RGB	126, 242, 48
RGB Percent	49%, 95%, 19%
CMY	0.5059, 0.0510, 0.8118
CMYK	0.48, 0.00, 0.80, 0.05
HSL	96°, 88%, 57%
HSV	96°, 80%, 95%
XYZ	40.8898, 68.1533, 13.7961
YIQ	185.2000, -6.8620, -84.9260

Conversions

Conversions Part 2

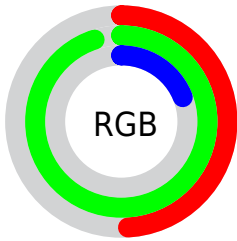
Format	Color
RYB	48, 242, 164
Decimal	8319536
CIELab	86.08, -62.56, 75.55
CIELCh	86, 98.092, 129.626
Yxy	68.1533, 0.3329, 0.5548
Android (android.graphics.Color)	4286509616 (0xFF7EF230)
YUV	185.2000, -67.6396, -51.9184
Hunter-Lab	82.5550, -56.0595, 47.8803

Details

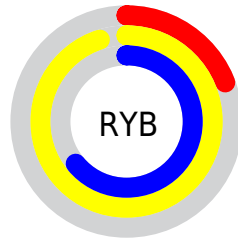
The Hex color **7EF230** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **A430F2**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BBFF6F**, and **3CB900** is the 20% darker color. If you saturate the color by 10%, you get **70F218**, and if you desaturate by 10%, it is **8CF248**.

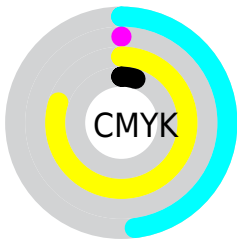
Distribution



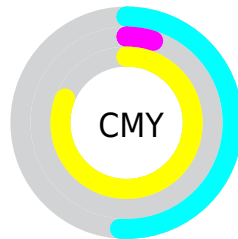
- Red (49%)
- Green (95%)
- Blue (19%)



- Red (19%)
- Yellow (95%)
- Blue (64%)



- Cyan (48%)
- Magenta (0%)
- Yellow (80%)
- Black (5%)



- Cyan (51%)
- Magenta (5%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EF230 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 7EF230 by changing the saturation by 10% instead.

 7EF230

 7EF230

FFFFFF

 5ED500

 BBFF6F

 3CB900

 DAFF8C

 009D00

 F8FFA9

 008200

 FFFFC6

 006800

 FFFFE4

 004F00

 003700

 001E00

 000000

 7EF230

 7EF230

 70F218

 8CF248

 61F200

 9BF260

 A9F279

 B8F291

 C6F2A9

 D5F2C1

 E3F2D9

 F2F2F2

 FFF2FF

Harmonies

Analogous

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



E6DD00



7EF230



00FD92

Triad

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



7EF230



00F3FF



FF70BD

Complementary

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



7EF230



A430F2

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.



FF82FF



7EF230



00D9FF

Square

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



7EF230



00FFFF



FFB0FF



FF9065

Rectangle

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



7EF230



00FFD3



FFB0FF



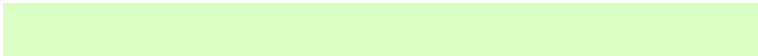
FF70DD

Sweetspot

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



7EF230



DAFFC2



F2A130



69805B



000000



808080

Same Dimension

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



7EF230



6DFF0A



30F240



71786C



4AB800



173800

Inverse Universe

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



A430F2



9D0AFF



F230E2



736C78



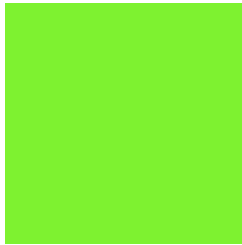
6E00B8



220038

Previews

White Background



This preview shows how the Hex color 7EF230 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

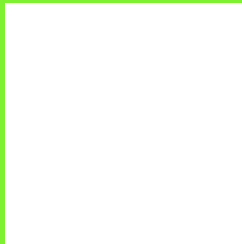
Any Text WCAG AAA ✓ Pass

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

Hex 7EF230 Background



This preview shows how black text looks on a background with the Hex color 7EF230.

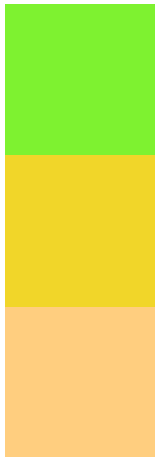


This preview shows how white text looks on a background with the Hex color 7EF230.

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](#).

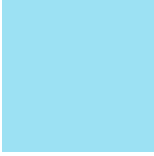
Dichromacy



Original Color
7EF230

Protanopia
F1D629

Deuteranopia
FFCE7F



Tritanopia
9CE1F3

Trichromacy



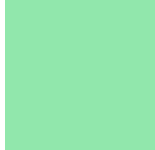
Original Color
7EF230



Protanomaly
C7E02C



Deuteranomaly
D0DB62

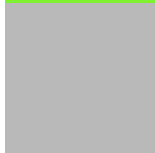


Tritanomaly
91E7AC

Monochromacy



Original Color
7EF230



Achromatopsia
B9B9B9



Achromatomaly
A4CE87

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EF230 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 #7EF230 looks like.

```
.text, #text, p{  
    color:#7EF230  
}
```

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 #7EF230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EF230
}
```

Border

The CSS property to change the border of an element to Hex 7EF230 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
#7EF230 }
```

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

```
.border{ border-color:#7EF230 }
```

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

Here you see how a box with a 4 pixel #7EF230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EF230; -webkit-box-shadow:4px 4px  
4px 4px #7EF230; box-shadow:4px 4px 4px  
4px #7EF230 }
```

Background

The CSS property to change the background color of an element to Hex 7EF230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EF230 }
```

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

```
.background{ background-color:#7EF230 }
```

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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