

# Converting Colors

Hex(7BF240)

Have a look what the booklet for  
Hex(7BF240) contains.

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**Color**

**Hex(7BF240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BF240
RGB	123, 242, 64
RGB Percent	48%, 95%, 25%
CMY	0.5176, 0.0510, 0.7490
CMYK	0.49, 0.00, 0.74, 0.05
HSL	100°, 87%, 60%
HSV	100°, 74%, 95%
XYZ	40.8459, 68.0854, 15.8395
YIQ	186.1270, -13.7860, -80.5860

# Conversions

## Conversions Part 2

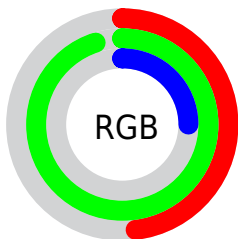
Format	Color
<a href="#">RYB</a>	<a href="#">64, 242, 183</a>
Decimal	<a href="#">8122944</a>
CIELab	<a href="#">86.05, -62.55, 70.76</a>
CIElCh	<a href="#">86, 94.443, 131.475</a>
Yxy	<a href="#">68.0854, 0.3274, 0.5457</a>
Android (android.graphics.Color)	<a href="#">4286313024 (0xFF7BF240)</a>
YUV	<a href="#">186.1270, -60.2086, -55.3624</a>
Hunter-Lab	<a href="#">82.5139, -56.0384, 46.3783</a>

# Details

The Hex color **7BF240** 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 **B740F2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B8FF7B**, and **38B900** is the 20% darker color. If you saturate the color by 10%, you get **6BF228**, and if you desaturate by 10%, it is **8BF258**.

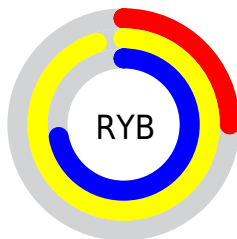
# Distribution



Red (48%)

Green (95%)

Blue (25%)



Red (25%)

Yellow (95%)

Blue (72%)

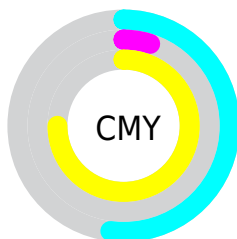


Cyan (49%)

Magenta (0%)

Yellow (74%)

Black (5%)



Cyan (52%)

Magenta (5%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BF240 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 7BF240 by changing the saturation by 10% instead.



 7BF240

 7BF240

FFFFFF

 5BD51C

 B8FF7B

 38B900

 D6FF97

 009D00

 F5FFB4

 008200

 FFFFD1

 006800

 FFFFEF

 004E00

 003700

 001D00

 000000

 7BF240

 7BF240

 6BF228

 8BF258

 5BF210

 9BF270

 50F200

 ACF289

 BCF2A1

 CCF2B9

 DCF2D1

 ECF2E9

 FCF2FF

 FFF2FF

# Harmonies

## Analogous

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



E1DE00



7BF240



00FD9B

# Triad

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



7BF240



00F1FF



FF78B9

# Complementary

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



7BF240



B740F2

# 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.



FF85FF



7BF240



24D6FF

# Square

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



7BF240



00DFFF



FFAFFF



FF9664

# Rectangle

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



7BF240



00FFD9



FFAFFF



FF77D7

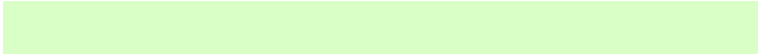


# Sweetspot

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



7BF240



D9FFC7



F2B740



69805E



000000



808080



# Same Dimension

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



7BF240



69FF1F



40F25E



70786C



3DB800



133800



# Inverse Universe

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



B740F2



B51FFF



F240D4



746C78



7B00B8

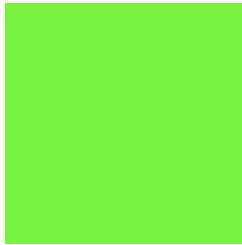


260038



# Previews

## White Background



This preview shows how the Hex color 7BF240 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 7BF240 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

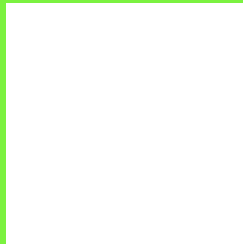
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BF240 Background



This preview shows how black text looks on a background with the Hex color 7BF240.

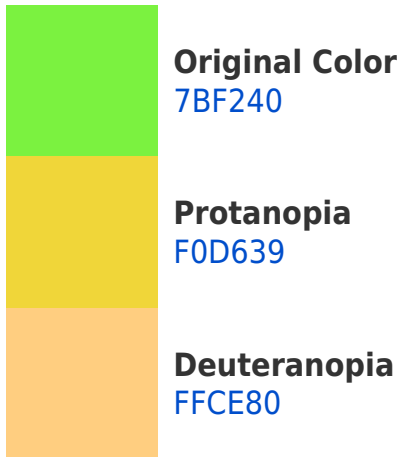


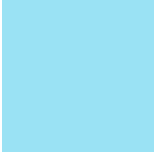
This preview shows how white text looks on a background with the Hex color 7BF240.

# 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**  
9AE2F4

# Trichromacy



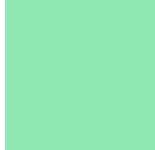
**Original Color**  
7BF240



**Protanomaly**  
C5E03C



**Deuteranomaly**  
CFDB69

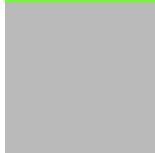


**Tritanomaly**  
8FE8B3

# Monochromacy



**Original Color**  
7BF240



**Achromatopsia**  
BABABA



**Achromatomaly**  
A3CE8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BF240 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 #7BF240 looks like.

```
.text, #text, p{  
    color:#7BF240  
}
```

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 #7BF240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BF240
}
```

## Border

The CSS property to change the border of an element to Hex 7BF240 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
#7BF240 }
```

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

```
.border{ border-color:#7BF240 }
```

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

Here you see how a box with a 4 pixel #7BF240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BF240; -webkit-box-shadow:4px 4px  
4px 4px #7BF240; box-shadow:4px 4px 4px  
4px #7BF240 }
```

# Background

The CSS property to change the background color of an element to Hex 7BF240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BF240 }
```

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

```
.background{ background-color:#7BF240 }
```

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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