

Converting Colors

Hex(7BF463)

Have a look what the booklet for
Hex(7BF463) contains.

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Color

Hex(7BF463)

Conversions

Conversions Part 1

Format	Color
Hex	7BF463
RGB	123, 244, 99
RGB Percent	48%, 96%, 39%
CMY	0.5176, 0.0431, 0.6118
CMYK	0.50, 0.00, 0.59, 0.04
HSL	110°, 87%, 67%
HSV	110°, 59%, 96%
XYZ	42.7712, 69.8132, 23.0254
YIQ	191.2910, -25.5710, -70.7470

Conversions

Conversions Part 2

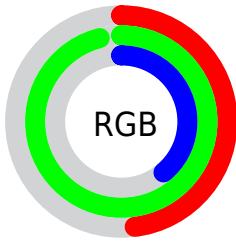
Format	Color
R_{YB}	99, 244, 220
Decimal	8123491
CIE _{Lab}	86.91, -60.40, 58.27
CIE _{LCh}	87, 83.926, 136.030
Yxy	69.8132, 0.3154, 0.5148
Android (android.graphics.Color)	4286313571 (0xFF7BF463)
YUV	191.2910, -45.4995, -59.8912
Hunter-Lab	83.5543, -54.8464, 42.1492

Details

The Hex color **7BF463** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DC63F4**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B7FF9A**, and **3ABB2B** is the 20% darker color. If you saturate the color by 10%, you get **67F44B**, and if you desaturate by 10%, it is **8FF47B**.

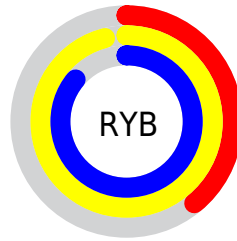
Distribution



Red (48%)

Green (96%)

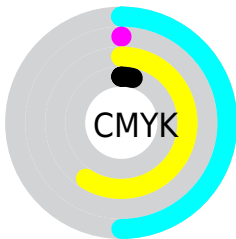
Blue (39%)



Red (39%)

Yellow (96%)

Blue (86%)

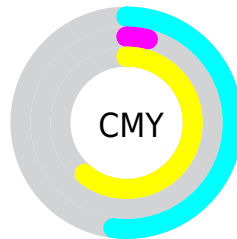


Cyan (50%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (52%)

Magenta (4%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BF463 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 7BF463 by changing the saturation by 10% instead.

 7BF463

 7BF463


FFFFFF

 5CD748

 B7FF9A

 3ABB2B

 D5FFB6

 029F01

 F3FFD3

 008400

 FFFFF0

 006A00

 005000

 003800

 002000

 000000

 7BF463

 7BF463

 67F44B

 8FF47B

 52F432

 A4F494

 3EF41A

 B8F4AC

 2AF401

 CCF4C5

 28F400

 E1F4DD

 F5F4F5

 FFF4FF

Harmonies

Analogous

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



D9E326



7BF463



00FDB0

Triad

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



7BF463



00EDFF



FF8EB2

Complementary

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



7BF463



DC63F4

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.



FF92FF



7BF463



8DD4FF

Square

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



7BF463



00FBFF



FFB1FF



FFA769

Rectangle

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



7BF463



00FFE8



FFB1FF



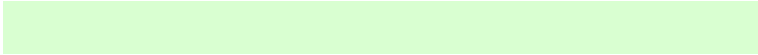
FF8BCD

Sweetspot

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



7BF463



D9FFD1



F4DC63



688063



000000



808080

Same Dimension

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



7BF463



68FF4A



63F493



707A6E



1FBA00



0A3B00

Inverse Universe

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



DC63F4



E14AFF



F463C4



786E7A



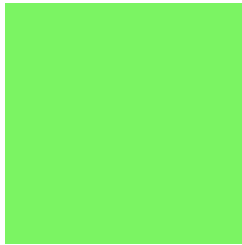
9B00BA



31003B

Previews

White Background



This preview shows how the Hex color 7BF463 looks on a white background.

Color Contrast Check

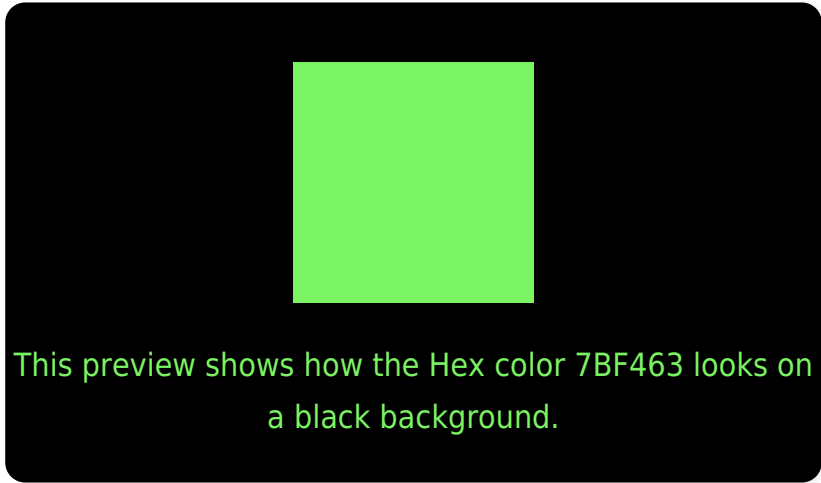
Large Text (above 18pt) WCAG AA × Fail

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

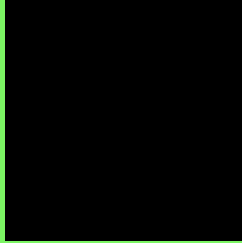
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

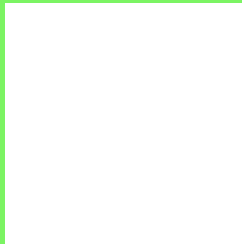
Any Text WCAG AAA ✓ Pass

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

Hex 7BF463 Background



This preview shows how black text looks on a background with the Hex color 7BF463.

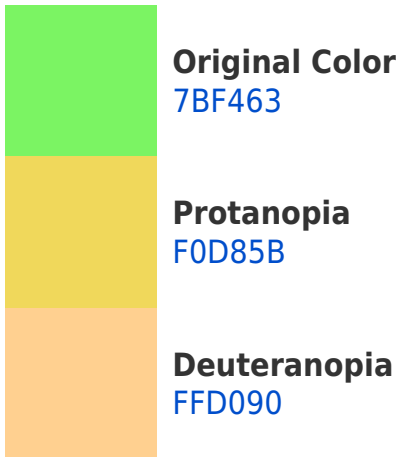


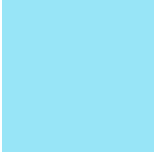
This preview shows how white text looks on a background with the Hex color 7BF463.

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



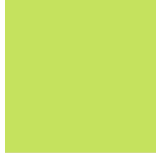


Tritanopia
98E5F7

Trichromacy



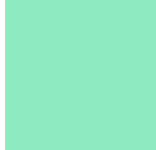
Original Color
7BF463



Protanomaly
C5E25E



Deuteranomaly
CFDD80

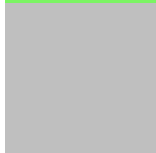


Tritanomaly
8DEAC1

Monochromacy



Original Color
7BF463



Achromatopsia
BFBFBF



Achromatomaly
A6D29E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BF463 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 #7BF463 looks like.

```
.text, #text, p{  
    color:#7BF463  
}
```

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 #7BF463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BF463
}
```

Border

The CSS property to change the border of an element to Hex 7BF463 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
#7BF463 }
```

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

```
.border{ border-color:#7BF463 }
```

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

Here you see how a box with a 4 pixel #7BF463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BF463; -webkit-box-shadow:4px 4px  
4px 4px #7BF463; box-shadow:4px 4px 4px  
4px #7BF463 }
```

Background

The CSS property to change the background color of an element to Hex 7BF463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BF463 }
```

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

```
.background{ background-color:#7BF463 }
```

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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