

Converting Colors

Hex(7BF265)

Have a look what the booklet for
Hex(7BF265) contains.

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Color

Hex(7BF265)

Conversions

Conversions Part 1

Format	Color
Hex	7BF265
RGB	123, 242, 101
RGB Percent	48%, 95%, 40%
CMY	0.5176, 0.0510, 0.6039
CMYK	0.49, 0.00, 0.58, 0.05
HSL	111°, 84%, 67%
HSV	111°, 58%, 95%
XYZ	42.2695, 68.6548, 23.3358
YIQ	190.3450, -25.6630, -69.0790

Conversions

Conversions Part 2

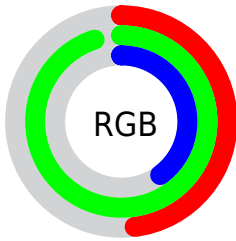
Format	Color
RYB	101, 242, 220
Decimal	8122981
CIELab	86.33, -59.44, 56.75
CIELCh	86, 82.179, 136.327
Yxy	68.6548, 0.3148, 0.5114
Android (android.graphics.Color)	4286313061 (0xFF7BF265)
YUV	190.3450, -44.0471, -59.0616
Hunter-Lab	82.8582, -53.9414, 41.3026

Details

The Hex color **7BF265** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DC65F2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B7FF9C**, and **3BB92E** is the 20% darker color. If you saturate the color by 10%, you get **67F24D**, and if you desaturate by 10%, it is **8FF27D**.

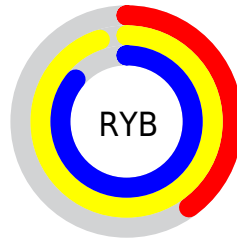
Distribution



Red (48%)

Green (95%)

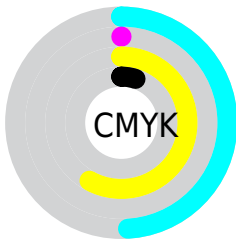
Blue (40%)



Red (40%)

Yellow (95%)

Blue (86%)

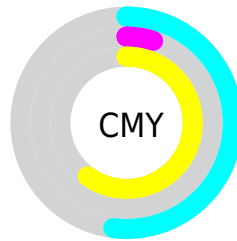


Cyan (49%)

Magenta (0%)

Yellow (58%)

Black (5%)



Cyan (52%)

Magenta (5%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BF265 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 7BF265 by changing the saturation by 10% instead.

 7BF265

 7BF265

FFFFFF

 5CD54A

 B7FF9C

 3BB92E

 D5FFB8

 069D08

 F3FFD4

 008200

 FFFFF2

 006800

 004F00

 003700

 001E00

 000000

 7BF265

 7BF265

 67F24D

 8FF27D

 52F235

 A4F295

 3EF21C

 B8F2AE

 29F204

 CDF2C6

 26F200

 E1F2DE

 F6F2F6

 FFF2FF

Harmonies

Analogous

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



D7E12B



7BF265



00FBB0

Triad

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



7BF265



00EBFF



FF8EB1

Complementary

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



7BF265



DC65F2

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



7BF265



90D2FF

Square

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



7BF265



00F9FF



FFB0FF



FFA769

Rectangle

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



7BF265



00FDE7



FFB0FF



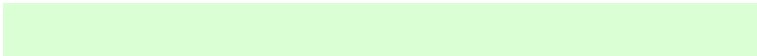
FF8CCB

Sweetspot

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



7BF265



DAFFD4



F2DB65



6A8066



000000



808080

Same Dimension

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



7BF265



68FF4D



65F294



6E786C



1DB800



093800

Inverse Universe

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



DC65F2



E34DFF



F265C3



766C78



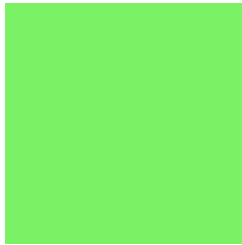
9B00B8



2F0038

Previews

White Background



This preview shows how the Hex color 7BF265 looks on a white background.

Color Contrast Check

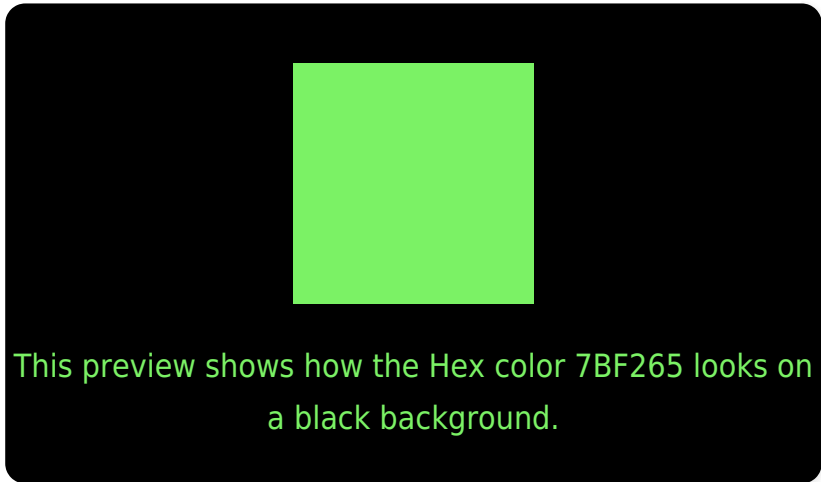
Large Text (above 18pt) WCAG AA × Fail

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

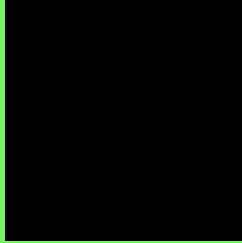
Any Text WCAG AA ✓ Pass

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 7BF265 Background



This preview shows how black text looks on a background with the Hex color 7BF265.

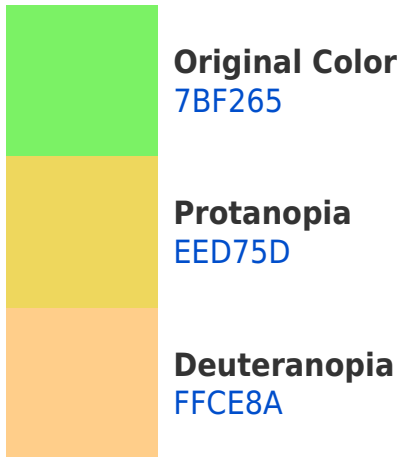


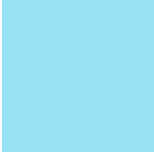
This preview shows how white text looks on a background with the Hex color 7BF265.

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



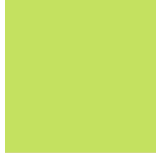


Tritanopia
97E3F5

Trichromacy



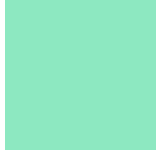
Original Color
7BF265



Protanomaly
C4E160

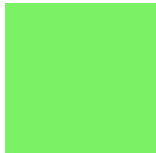


Deuteranomaly
CFDB7D

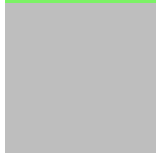


Tritanomaly
8DE8C1

Monochromacy



Original Color
7BF265



Achromatopsia
BEBEBE



Achromatomaly
A6D19E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BF265 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 #7BF265 looks like.

```
.text, #text, p{  
    color:#7BF265  
}
```

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 #7BF265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BF265
}
```

Border

The CSS property to change the border of an element to Hex 7BF265 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
#7BF265 }
```

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

```
.border{ border-color:#7BF265 }
```

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

Here you see how a box with a 4 pixel #7BF265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BF265; -webkit-box-shadow:4px 4px  
4px 4px #7BF265; box-shadow:4px 4px 4px  
4px #7BF265 }
```

Background

The CSS property to change the background color of an element to Hex 7BF265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BF265 }
```

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

```
.background{ background-color:#7BF265 }
```

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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