

Converting Colors

Hex(7FB635)

Have a look what the booklet for
Hex(7FB635) contains.

Hex(7FB635)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7FB635)

Conversions

Conversions Part 1

Format	Color
Hex	7FB635
RGB	127, 182, 53
RGB Percent	50%, 71%, 21%
CMY	0.5020, 0.2863, 0.7922
CMYK	0.30, 0.00, 0.71, 0.29
HSL	86°, 55%, 46%
HSV	86°, 71%, 71%
XYZ	26.1229, 38.2250, 9.3695
YIQ	150.8490, 8.6290, -51.7790

Conversions

Conversions Part 2

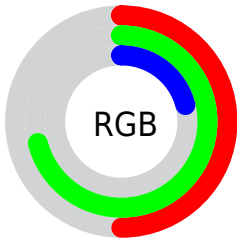
Format	Color
RYB	53, 182, 108
Decimal	8369717
CIELab	68.19, -37.79, 56.85
CIElCh	68, 68.262, 123.610
Yxy	38.2250, 0.3544, 0.5185
Android (android.graphics.Color)	4286559797 (0xFF7FB635)
YUV	150.8490, -48.2396, -20.9156
Hunter-Lab	61.8263, -32.7760, 34.2933

Details

The Hex color **7FB635** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6C35B6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B7EE6B**, and **488100** is the 20% darker color. If you saturate the color by 10%, you get **77B623**, and if you desaturate by 10%, it is **87B647**.

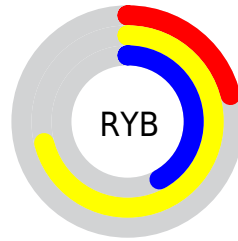
Distribution



Red (50%)

Green (71%)

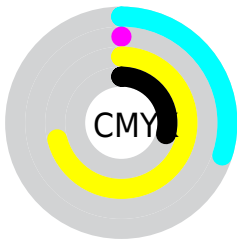
Blue (21%)



Red (21%)

Yellow (71%)

Blue (42%)

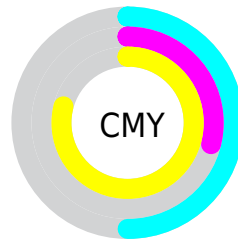


Cyan (30%)

Magenta (0%)

Yellow (71%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB635 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 7FB635 by changing the saturation by 10% instead.



7FB635



7FB635

FFFFFF



639B15



B7EE6B



488100



D4FF86



2C6700



F2FFA2



094F00



FFFFBE



003700



FFFFDB



002300



FFFFF8



000000



7FB635



7FB635



77B623



87B647

 6FB611

 8FB659

 68B600

 96B66C

 9EB67E

 A6B690

 AEB6A2

 B5B6B4

 BDB6C7

 C5B6D9

Harmonies

Analogous

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



BEA615



7FB635



00BF6C

Triad

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



7FB635



00BBFF



FF6AA1

Complementary

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



7FB635



6C35B6

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.



F677DE



7FB635



00ABFF

Square

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



7FB635



00C2E9



B193FF



FF7565

Rectangle

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



7FB635



00C297



B193FF



FF6CB6

Sweetspot

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



7FB635



D8EDBB



B66B35



6B785A



F7F7F7



787878

Same Dimension

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



7FB635



97ED24



40B635



585C53



599C00



101C00

Inverse Universe

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



6C35B6



7A24ED



AB35B6



57535C



42009C



0C001C

Previews

White Background



This preview shows how the Hex color 7FB635 looks on a white background.

Color Contrast Check

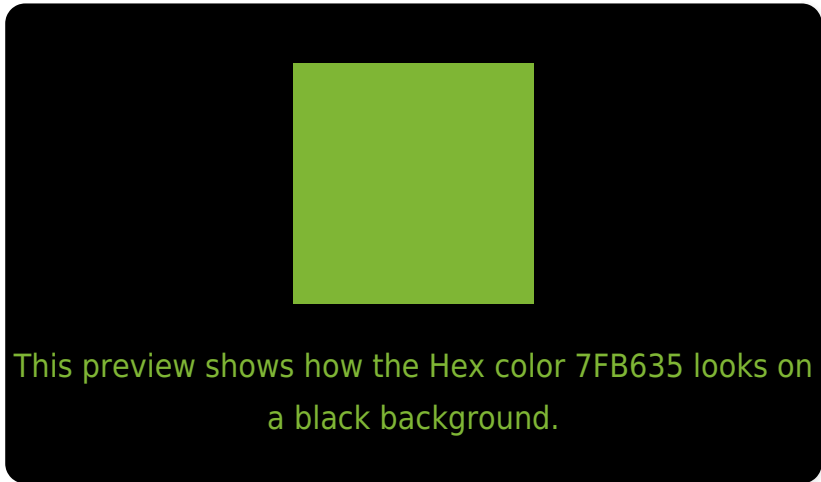
Large Text (above 18pt) WCAG AA × Fail

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 7FB635 Background



This preview shows how black text looks on a background with the Hex color 7FB635.

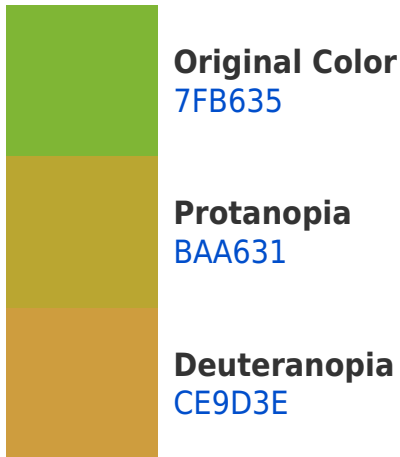


This preview shows how white text looks on a background with the Hex color 7FB635.

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
90AAB7

Trichromacy



Original Color
7FB635



Protanomaly
A5AC32



Deuteranomaly
B1A63B



Tritanomaly
8AAE88

Monochromacy



Original Color
7FB635



Achromatopsia
979797



Achromatomaly
8EA273

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB635 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 #7FB635 looks like.

```
.text, #text, p{  
    color:#7FB635  
}
```

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 #7FB635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB635
}
```

Border

The CSS property to change the border of an element to Hex 7FB635 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
#7FB635 }
```

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

```
.border{ border-color:#7FB635 }
```

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

Here you see how a box with a 4 pixel #7FB635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB635; -webkit-box-shadow:4px 4px  
4px 4px #7FB635; box-shadow:4px 4px 4px  
4px #7FB635 }
```

Background

The CSS property to change the background color of an element to Hex 7FB635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB635 }
```

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

```
.background{ background-color:#7FB635 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor