

Converting Colors

Hex(7FB248)

Have a look what the booklet for
Hex(7FB248) contains.

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Color

Hex(7FB248)

Conversions

Conversions Part 1

Format	Color
Hex	7FB248
RGB	127, 178, 72
RGB Percent	50%, 70%, 28%
CMY	0.5020, 0.3020, 0.7176
CMYK	0.29, 0.00, 0.60, 0.30
HSL	89°, 42%, 49%
HSV	89°, 60%, 70%
XYZ	25.8425, 36.8207, 11.8760
YIQ	150.6670, 3.6300, -43.7780

Conversions

Conversions Part 2

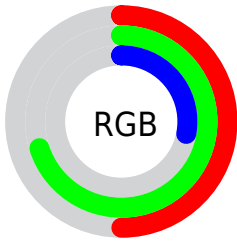
Format	Color
RYB	72, 178, 123
Decimal	8368712
CIELab	67.14, -34.45, 47.79
CIELCh	67, 58.916, 125.789
Yxy	36.8207, 0.3467, 0.4940
Android (android.graphics.Color)	4286558792 (0xFF7FB248)
YUV	150.6670, -38.7828, -20.7560
Hunter-Lab	60.6801, -30.1703, 30.8721

Details

The Hex color **7FB248** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7B48B2**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B6EA7C**, and **4A7D11** is the 20% darker color. If you saturate the color by 10%, you get **76B236**, and if you desaturate by 10%, it is **88B25A**.

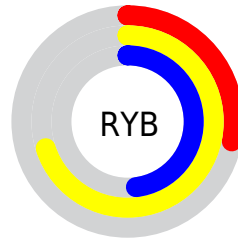
Distribution



Red (50%)

Green (70%)

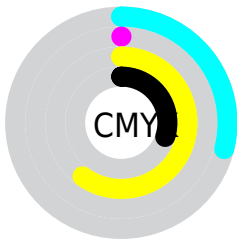
Blue (28%)



Red (28%)

Yellow (70%)

Blue (48%)

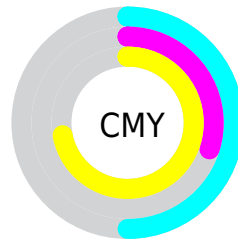


Cyan (29%)

Magenta (0%)

Yellow (60%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB248 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 7FB248 by changing the saturation by 10% instead.



7FB248



7FB248

FFFFFF



64972E



B6EA7C



4A7D11



D3FF97



2F6400



F0FFB3



134B00



FFFFCF



003400



FFFFEB



002100



000000



7FB248



7FB248



76B236



88B25A

 6EB224

 90B26C

 65B213

 99B27D

 5DB201

 A1B28F

 5CB200

 AAB2A1

 B2B2B3

 BBB2C5

 C4B2D6

 CCB2E8

Harmonies

Analogous

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



B7A431



7FB248



22BA76

Triad

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



7FB248



00B4FF



FF739B

Complementary

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



7FB248



7B48B2

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.



EC7CD0



7FB248



49A6FF

Square

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



7FB248



00BCE0



B491FA



FF7D68

Rectangle

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



7FB248



00BD9A



B491FA



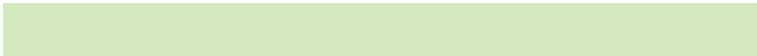
FF74AD

Sweetspot

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



7FB248



D4E8BE



B27948



69755B



F5F5F5



757575

Same Dimension

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



7FB248



99E843



4CB248



555950



4F9900



0D1A00

Inverse Universe

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



7B48B2



9343E8



AE48B2



555059



4A0099



0C001A

Previews

White Background



This preview shows how the Hex color 7FB248 looks on a white background.

Color Contrast Check

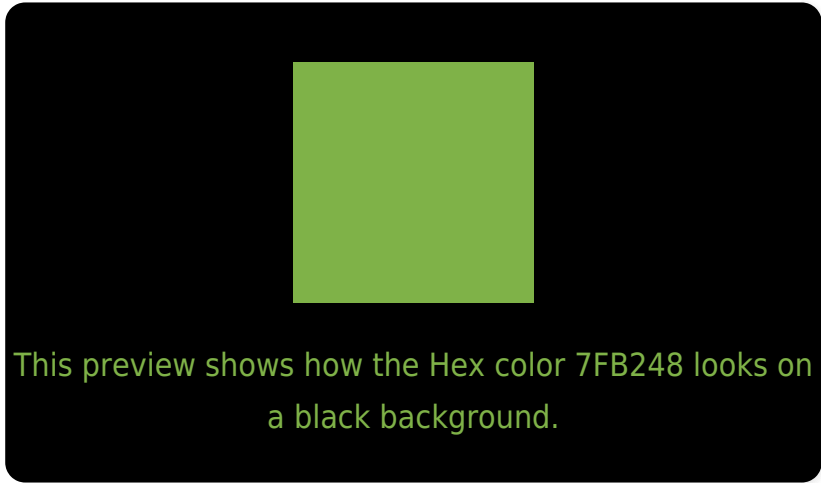
Large Text (above 18pt) WCAG AA × Fail

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 7FB248 Background



This preview shows how black text looks on a background with the Hex color 7FB248.



This preview shows how white text looks on a background with the Hex color 7FB248.

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](#).

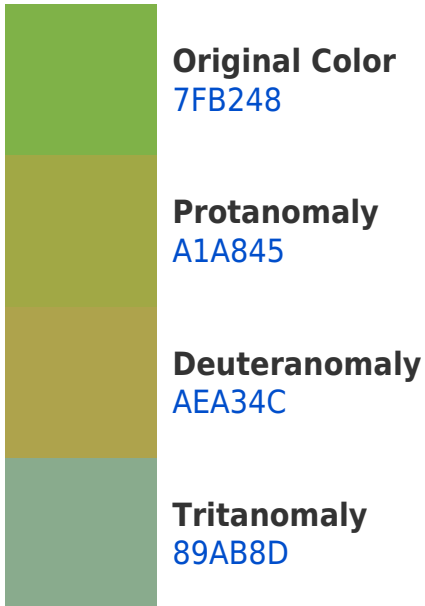
Dichromacy





Tritanopia
8EA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB248 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 #7FB248 looks like.

```
.text, #text, p{  
    color:#7FB248  
}
```

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 #7FB248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB248
}
```

Border

The CSS property to change the border of an element to Hex 7FB248 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
#7FB248 }
```

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

```
.border{ border-color:#7FB248 }
```

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

Here you see how a box with a 4 pixel #7FB248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB248; -webkit-box-shadow:4px 4px  
4px 4px #7FB248; box-shadow:4px 4px 4px  
4px #7FB248 }
```

Background

The CSS property to change the background color of an element to Hex 7FB248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB248 }
```

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

```
.background{ background-color:#7FB248 }
```

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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