

Converting Colors

Hex(648F3B)

Have a look what the booklet for
Hex(648F3B) contains.

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Color

Hex(648F3B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 648F3B |
| RGB | 100, 143, 59 |
| RGB Percent | 39%, 56%, 23% |
| CMY | 0.6078, 0.4392, 0.7686 |
| CMYK | 0.30, 0.00, 0.59, 0.44 |
| HSL | 91°, 42%, 40% |
| HSV | 91°, 59%, 56% |
| XYZ | 15.8674, 22.6700, 7.6771 |
| YIQ | 120.5670, 1.3360, -35.2400 |

Conversions

Conversions Part 2

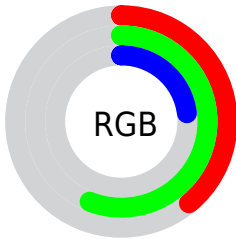
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 59, 143, 102 |
| Decimal | 6590267 |
| CIELab | 54.73, -29.56, 39.33 |
| CIELCh | 55, 49.197, 126.933 |
| Yxy | 22.6700, 0.3433, 0.4905 |
| Android (android.graphics.Color) | 4284780347 (0xFF648F3B) |
| YUV | 120.5670, -30.3525, -18.0373 |
| Hunter-Lab | 47.6130, -23.8363, 23.7692 |

Details

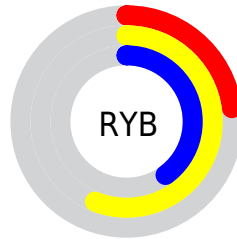
The Hex color **648F3B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **663B8F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **99C56D**, and **315C06** is the 20% darker color. If you saturate the color by 10%, you get **5D8F2D**, and if you desaturate by 10%, it is **6B8F49**.

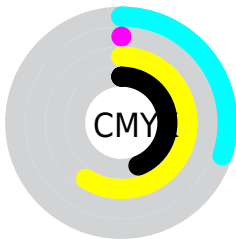
Distribution



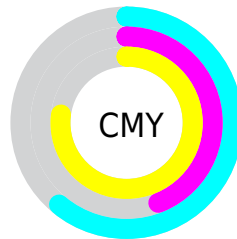
- Red (39%)
- Green (56%)
- Blue (23%)



- Red (23%)
- Yellow (56%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (59%)
- Black (44%)



- Cyan (61%)
- Magenta (44%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648F3B 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 648F3B by changing the saturation by 10% instead.

 648F3B

 648F3B

FFFFFF

 4A7522

 99C56D

 315C06

 B5E187

 184400

 D1FEA2

 002E00

 EEFFBE

 001900

 FFFFDA

 000000

 FFFFF7

 648F3B

 648F3B

 5D8F2D

 6B8F49

■ 558F1E

■ 738F58

■ 4E8F10

■ 7A8F66

■ 478F02

■ 818F74

■ 468F00

■ 898F83

■ 908F91

■ 978F9F

■ 9F8FAD

■ A68FBC

Harmonies

Analogous

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



918428



648F3B



189560

Triad

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



648F3B



0090D1



D15C7B

Complementary

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



648F3B



663B8F

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.



BF63A5



648F3B



4184D8

Square

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



648F3B



0096B5



9274C7



CC6552

Rectangle

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



648F3B



00977D



9274C7



CD5D89

Sweetspot

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



648F3B



A9BA99



8F653B



545E4A



DEDEDE



5E5E5E

Same Dimension

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



648F3B



77BA38



3B8F3B



444740



428700



040800

Inverse Universe

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



663B8F



7B38BA



8F3B8F



444047



450087



040008

Previews

White Background



This preview shows how the Hex color 648F3B looks on a white background.

Color Contrast Check

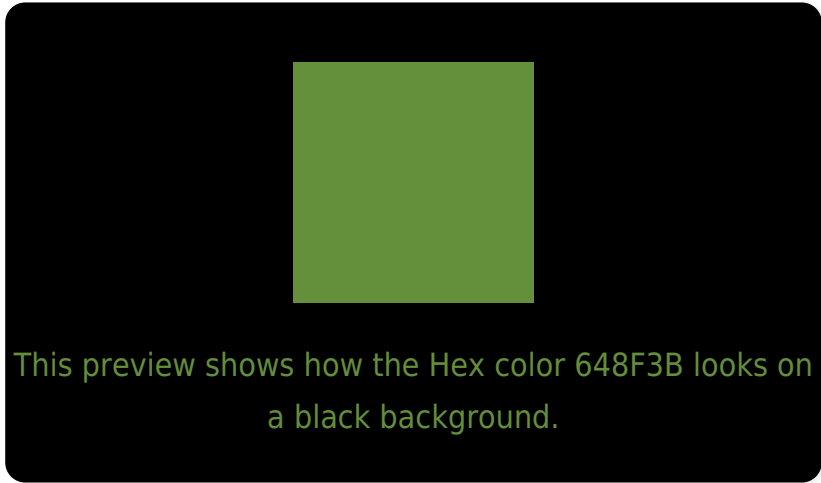
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 648F3B Background



This preview shows how black text looks on a background with the Hex color 648F3B.

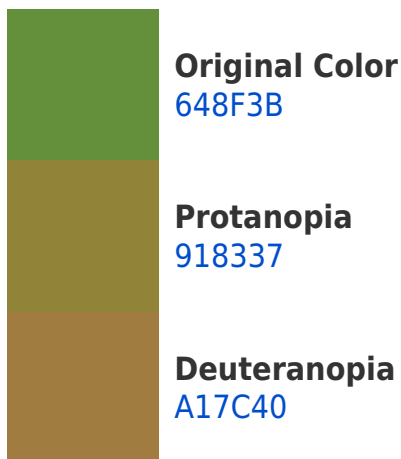


This preview shows how white text looks on a background with the Hex color 648F3B.

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](#).

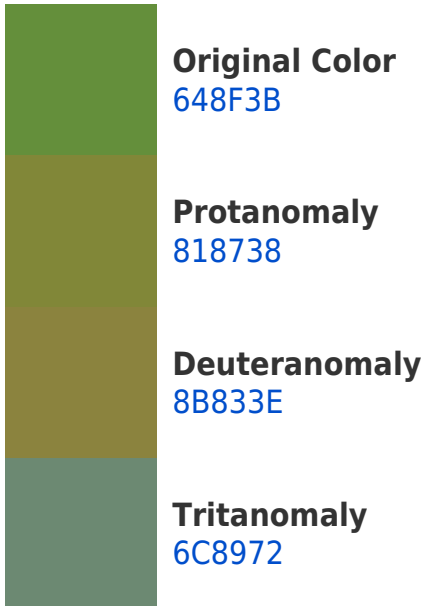
Dichromacy



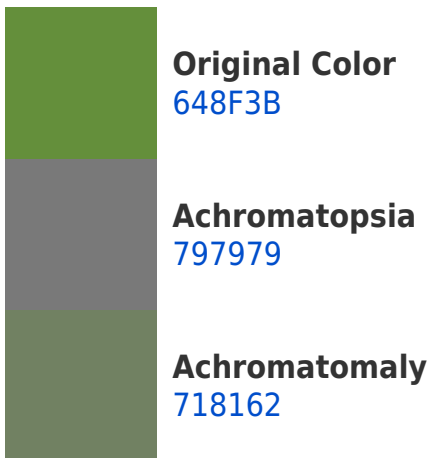


Tritanopia
708691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648F3B 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 #648F3B looks like.

```
.text, #text, p{  
    color:#648F3B  
}
```

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 #648F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648F3B
}
```

Border

The CSS property to change the border of an element to Hex 648F3B 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
#648F3B }
```

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

```
.border{ border-color:#648F3B }
```

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

Here you see how a box with a 4 pixel #648F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648F3B; -webkit-box-shadow:4px 4px  
4px 4px #648F3B; box-shadow:4px 4px 4px  
4px #648F3B }
```

Background

The CSS property to change the background color of an element to Hex 648F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648F3B }
```

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

```
.background{ background-color:#648F3B }
```

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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