

Converting Colors

Hex(749F4B)

Have a look what the booklet for
Hex(749F4B) contains.

| | |
|--|----|
| Hex(749F4B) | 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(749F4B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 749F4B |
| RGB | 116, 159, 75 |
| RGB Percent | 45%, 62%, 29% |
| CMY | 0.5451, 0.3765, 0.7059 |
| CMYK | 0.27, 0.00, 0.53, 0.38 |
| HSL | 91°, 36%, 46% |
| HSV | 91°, 53%, 62% |
| XYZ | 20.8706, 29.0173, 11.1575 |
| YIQ | 136.5670, 1.3360, -35.2400 |

Conversions

Conversions Part 2

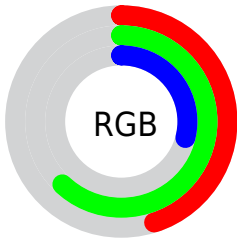
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 75, 159, 118 |
| Decimal | 7642955 |
| CIELab | 60.80, -29.37, 38.82 |
| CIELCh | 61, 48.678, 127.113 |
| Yxy | 29.0173, 0.3419, 0.4753 |
| Android (android.graphics.Color) | 4285833035 (0xFF749F4B) |
| YUV | 136.5670, -30.3525, -18.0373 |
| Hunter-Lab | 53.8677, -25.1101, 25.4268 |

Details

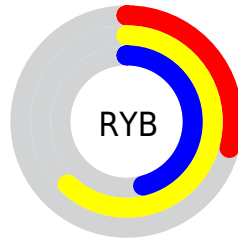
The Hex color **749F4B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **764B9F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **AAD67E**, and **406B19** is the 20% darker color. If you saturate the color by 10%, you get **6C9F3B**, and if you desaturate by 10%, it is **7C9F5B**.

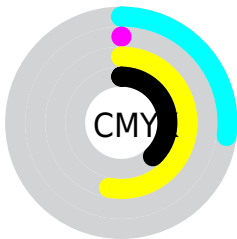
Distribution



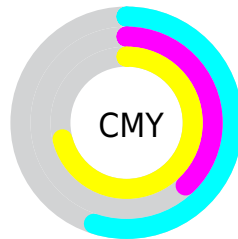
- Red (45%)
- Green (62%)
- Blue (29%)



- Red (29%)
- Yellow (62%)
- Blue (46%)



- Cyan (27%)
- Magenta (0%)
- Yellow (53%)
- Black (38%)



- Cyan (55%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749F4B 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 749F4B by changing the saturation by 10% instead.



749F4B



749F4B

FFFFFF



5A8532



AAD67E



406B19



C6F298



275300



E3FFB4



0D3B00



FFFFD0



002600



FFFEC



000500



000000



749F4B



749F4B



6C9F3B



7C9F5B

■ 649F2B

■ 849F6B

■ 5C9F1B

■ 8C9F7B

■ 539F0B

■ 959F8B

■ 4E9F00

■ 9D9F9B

■ A59FAA

■ AD9FBA

■ B59FCA

■ BD9FDA

Harmonies

Analogous

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



A29439



749F4B



32A670

Triad

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



749F4B



00A0E1



E26D8A

Complementary

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



749F4B



764B9F

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.



CF73B5



749F4B



5894E8

Square

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



749F4B



00A7C5



A383D7



DD7561

Rectangle

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



749F4B



00A88D



A383D7



DF6E99

Sweetspot

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



749F4B



BECFAE



9F754B



5E6955



E8E8E8



696969

Same Dimension

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



749F4B



8CCF4C



4B9F4B



4B4F47



468F00



070F00

Inverse Universe

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



764B9F



8F4CCF



9F4B9F



4B474F



49008F



08000F

Previews

White Background



This preview shows how the Hex color 749F4B looks on a white background.

Color Contrast Check

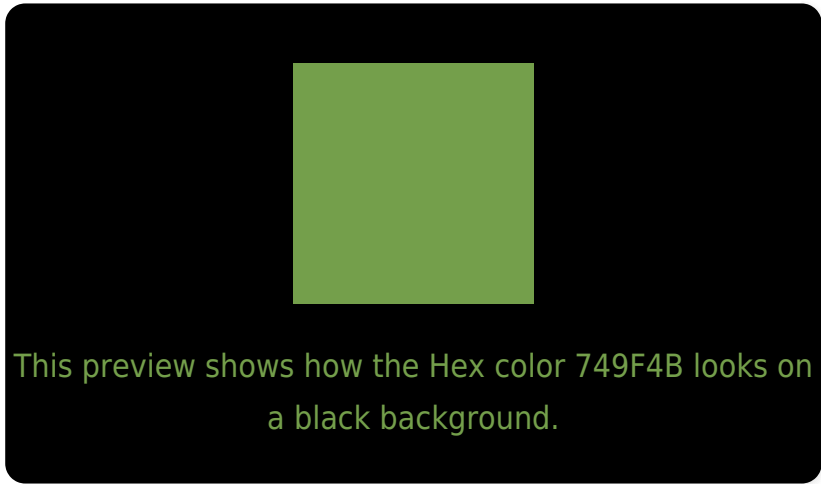
Large Text (above 18pt) WCAG AA ✓ Pass

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 749F4B Background



This preview shows how black text looks on a background with the Hex color 749F4B.

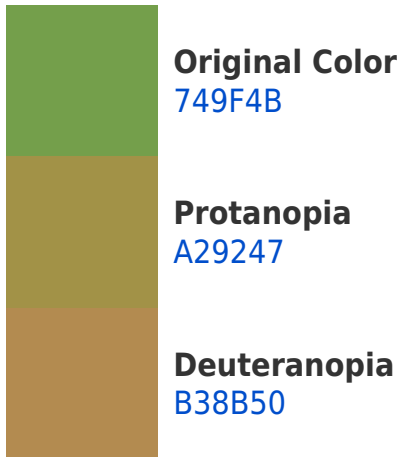


This preview shows how white text looks on a background with the Hex color 749F4B.

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](#).

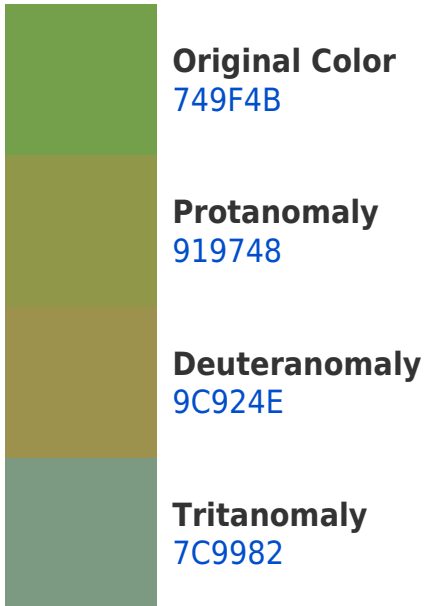
Dichromacy



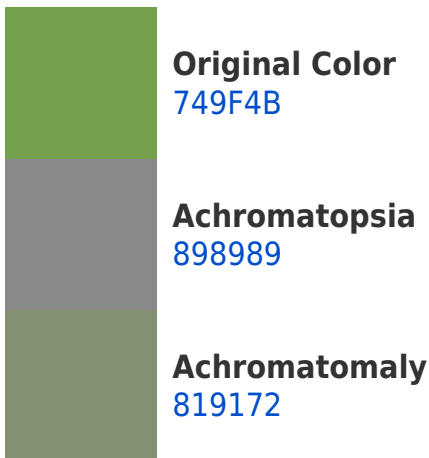


Tritanopia
8096A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749F4B 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 #749F4B looks like.

```
.text, #text, p{  
    color:#749F4B  
}
```

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 #749F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749F4B  
}
```

Border

The CSS property to change the border of an element to Hex 749F4B 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  
#749F4B }
```

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

```
.border{ border-color:#749F4B }
```

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

Here you see how a box with a 4 pixel #749F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749F4B; -webkit-box-shadow:4px 4px  
4px 4px #749F4B; box-shadow:4px 4px 4px  
4px #749F4B }
```

Background

The CSS property to change the background color of an element to Hex 749F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749F4B }
```

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

```
.background{ background-color:#749F4B }
```

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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