

Converting Colors

Hex(4F8241)

Have a look what the booklet for
Hex(4F8241) contains.

Hex(4F8241)	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(4F8241)

Conversions

Conversions Part 1

Format	Color
Hex	4F8241
RGB	79, 130, 65
RGB Percent	31%, 51%, 25%
CMY	0.6902, 0.4902, 0.7451
CMYK	0.39, 0.00, 0.50, 0.49
HSL	107°, 33%, 38%
HSV	107°, 50%, 51%
XYZ	12.1612, 18.0092, 7.8362
YIQ	107.3410, -9.5310, -31.0270

Conversions

Conversions Part 2

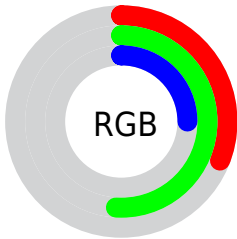
Format	Color
RYB	65, 130, 116
Decimal	5210689
CIELab	49.51, -30.41, 29.75
CIELCh	50, 42.542, 135.624
Yxy	18.0092, 0.3200, 0.4738
Android (android.graphics.Color)	4283400769 (0xFF4F8241)
YUV	107.3410, -20.8741, -24.8551
Hunter-Lab	42.4372, -23.1125, 18.7580

Details

The Hex color **4F8241** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **744182**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **83B772**, and **1C5012** is the 20% darker color. If you saturate the color by 10%, you get **458234**, and if you desaturate by 10%, it is **59824E**.

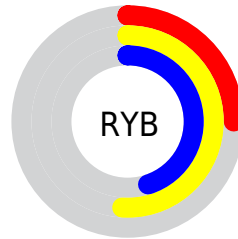
Distribution



Red (31%)

Green (51%)

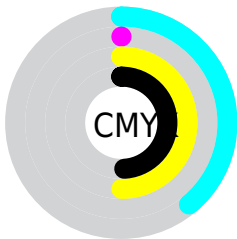
Blue (25%)



Red (25%)

Yellow (51%)

Blue (45%)

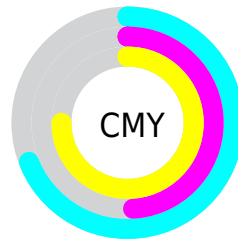


Cyan (39%)

Magenta (0%)

Yellow (50%)

Black (49%)



Cyan (69%)

Magenta (49%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F8241 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 4F8241 by changing the saturation by 10% instead.



4F8241



4F8241

FFFFFF



36692A



83B772



1C5012



9ED38C



003900



B9F0A7



002400



D6FFC2



000000



F2FFDE



FFFFFFB



4F8241



4F8241



458234



59824E

 3B8227

 63825B

 30821A

 6E8268

 26820D

 788275

 1C8200

 828282

 8C828F

 96829C

 A182A9

 AB82B6

Harmonies

Analogous

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



787A2C



4F8241



008763

Triad

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



4F8241



007FBB



B95764

Complementary

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



4F8241



744182

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.



AF5989



4F8241



5973BB

Square

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



4F8241



0085A8



9065A9



B06044

Rectangle

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



4F8241



00887C



9065A9



B85670

Sweetspot

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



4F8241



94A88F



827441



485445



D4D4D4



545454

Same Dimension

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



4F8241



59A843



418253



3B4039



1B8000



000000

Inverse Universe

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



744182



9343A8



824170



3E3940



640080



000000

Previews

White Background



This preview shows how the Hex color 4F8241 looks on a white background.

Color Contrast Check

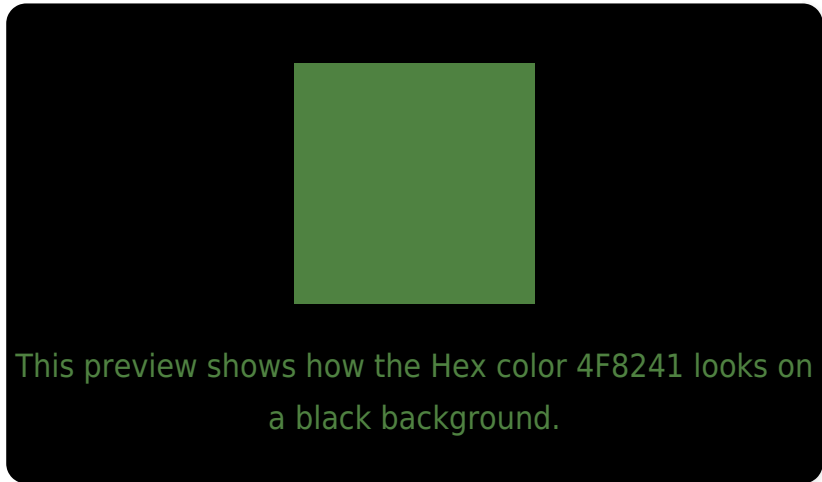
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

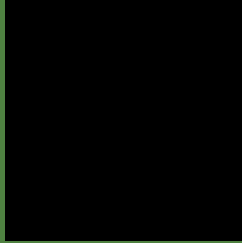
Any Text WCAG AA ✓ Pass

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 4F8241 Background



This preview shows how black text looks on a background with the Hex color 4F8241.



This preview shows how white text looks on a background with the Hex color 4F8241.

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](#).

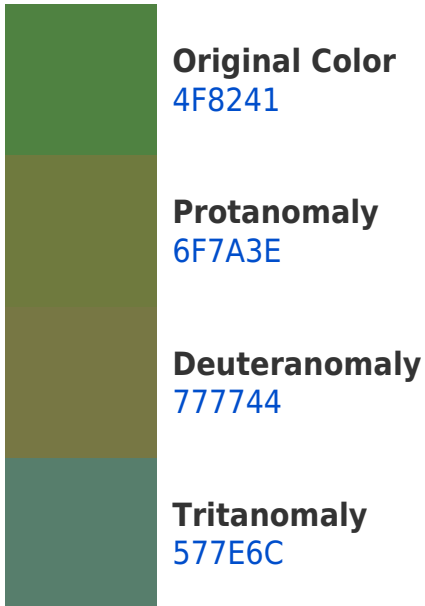
Dichromacy



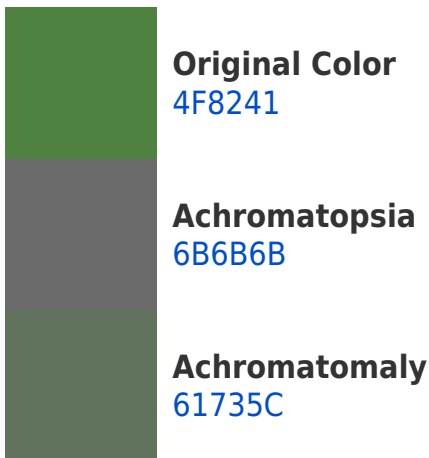


Tritanopia
5B7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F8241 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 #4F8241 looks like.

```
.text, #text, p{  
    color:#4F8241  
}
```

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 #4F8241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8241
}
```

Border

The CSS property to change the border of an element to Hex 4F8241 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
#4F8241 }
```

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

```
.border{ border-color:#4F8241 }
```

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

Here you see how a box with a 4 pixel #4F8241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8241; -webkit-box-shadow:4px 4px  
4px 4px #4F8241; box-shadow:4px 4px 4px  
4px #4F8241 }
```

Background

The CSS property to change the background color of an element to Hex 4F8241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8241 }
```

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

```
.background{ background-color:#4F8241 }
```

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