

# Converting Colors

Hex(4D8E3F)

Have a look what the booklet for  
Hex(4D8E3F) contains.

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# Color

Hex(4D8E3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D8E3F
RGB	77, 142, 63
RGB Percent	30%, 56%, 25%
CMY	0.6980, 0.4431, 0.7529
CMYK	0.46, 0.00, 0.56, 0.44
HSL	109°, 39%, 40%
HSV	109°, 56%, 56%
XYZ	13.6308, 21.2827, 8.0922
YIQ	113.5590, -13.3810, -38.3490

# Conversions

## Conversions Part 2

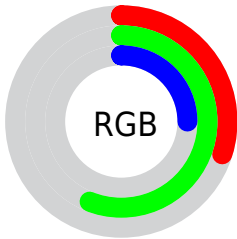
Format	Color
<a href="#">RYB</a>	<a href="#">63, 142, 128</a>
Decimal	<a href="#">5082687</a>
CIELab	<a href="#">53.26, -36.81, 35.32</a>
CIELCh	<a href="#">53, 51.014, 136.180</a>
Yxy	<a href="#">21.2827, 0.3170, 0.4949</a>
Android (android.graphics.Color)	<a href="#">4283272767 (0xFF4D8E3F)</a>
YUV	<a href="#">113.5590, -24.9256, -32.0622</a>
Hunter-Lab	<a href="#">46.1331, -27.9923, 21.8932</a>

# Details

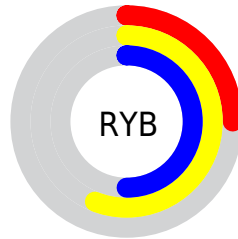
The Hex color **4D8E3F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **803F8E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **82C471**, and **145B0E** is the 20% darker color. If you saturate the color by 10%, you get **418E31**, and if you desaturate by 10%, it is **598E4D**.

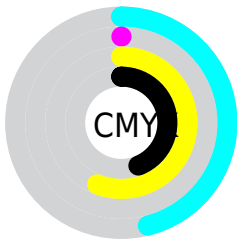
# Distribution



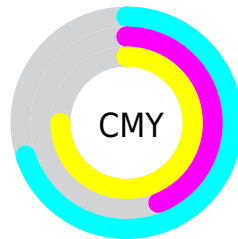
- Red (30%)
- Green (56%)
- Blue (25%)



- Red (25%)
- Yellow (56%)
- Blue (50%)



- Cyan (46%)
- Magenta (0%)
- Yellow (56%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D8E3F 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 4D8E3F by changing the saturation by 10% instead.





4D8E3F



4D8E3F

FFFFFF



327427



82C471



145B0E



9EE08B



004300



BAFDA6



002C00



D6FFC1



001400



F3FFDD



000000



FFFFA



4D8E3F



4D8E3F



418E31



598E4D

■ 368E23

■ 648E5B

■ 2A8E14

■ 708E6A

■ 1E8E06

■ 7C8E78

■ 198E00

■ 878E86

■ 938E94

■ 9F8EA2

■ AA8EB1

■ B68EBF

# Harmonies

## Analogous

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



808423



4D8E3F



009369

# Triad

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



4D8E3F



008AD4



D05869

# Complementary

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



4D8E3F



803F8E

# 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.



C55A95



4D8E3F



5A7CD4

# Square

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



4D8E3F



0092BE



A069BC



C46441

# Rectangle

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



4D8E3F



009487



A069BC



CF5678



# Sweetspot

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



4D8E3F



9EB898



8E803F



4D5C49



DBDBDB



5C5C5C



# Same Dimension

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



4D8E3F



52B83D



3F8E58



424740



188700



010800



# Inverse Universe

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



803F8E



A23DB8



8E3F75



464047



6F0087



060008



# Previews

## White Background



This preview shows how the Hex color 4D8E3F looks on a white background.

## Color Contrast Check

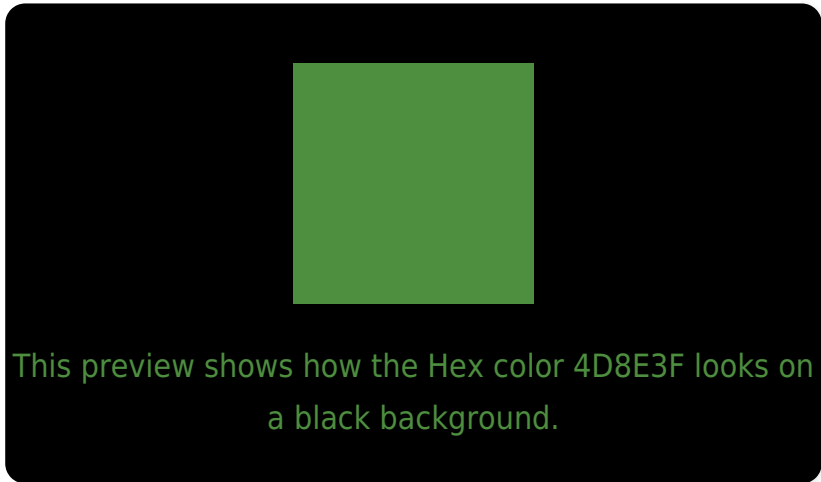
Large Text (above 18pt) WCAG AA ✓ Pass

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

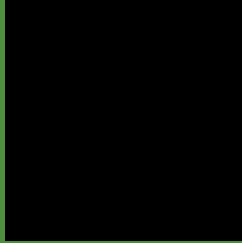
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D8E3F Background



This preview shows how black text looks on a background with the Hex color 4D8E3F.



This preview shows how white text looks on a background with the Hex color 4D8E3F.

# 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



**Original Color**  
4D8E3F

**Protanopia**  
8C7F3A

**Deuteranopia**  
9B7945



**Tritanopia**  
5C8590

# Trichromacy



**Original Color**  
4D8E3F

**Protanomaly**  
75843C

**Deuteranomaly**  
7F8143

**Tritanomaly**  
578873

# Monochromacy



**Original Color**  
4D8E3F

**Achromatopsia**  
727272

**Achromatomaly**  
657C5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D8E3F 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 #4D8E3F looks like.

```
.text, #text, p{  
    color:#4D8E3F  
}
```

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 #4D8E3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8E3F
}
```

## Border

The CSS property to change the border of an element to Hex 4D8E3F 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
#4D8E3F }
```

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

```
.border{ border-color:#4D8E3F }
```

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

Here you see how a box with a 4 pixel #4D8E3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8E3F; -webkit-box-shadow:4px 4px  
4px 4px #4D8E3F; box-shadow:4px 4px 4px  
4px #4D8E3F }
```

# Background

The CSS property to change the background color of an element to Hex 4D8E3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8E3F }
```

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

```
.background{ background-color:#4D8E3F }
```

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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