

Converting Colors

Hex(4D861F)

Have a look what the booklet for
Hex(4D861F) contains.

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Color

Hex(4D861F)

Conversions

Conversions Part 1

Format	Color
Hex	4D861F
RGB	77, 134, 31
RGB Percent	30%, 53%, 12%
CMY	0.6980, 0.4745, 0.8784
CMYK	0.43, 0.00, 0.77, 0.47
HSL	93°, 62%, 32%
HSV	93°, 77%, 53%
XYZ	11.8330, 18.7269, 4.2873
YIQ	105.2150, -0.9090, -44.1170

Conversions

Conversions Part 2

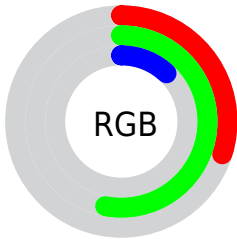
Format	Color
RYB	31, 134, 88
Decimal	5080607
CIELab	50.37, -36.40, 46.38
CIELCh	50, 58.959, 128.122
Yxy	18.7269, 0.3396, 0.5374
Android (android.graphics.Color)	4283270687 (0xFF4D861F)
YUV	105.2150, -36.5880, -24.7446
Hunter-Lab	43.2746, -26.9216, 24.4182

Details

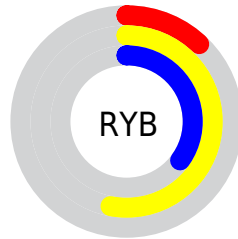
The Hex color **4D861F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **581F86**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **83BC53**, and **155400** is the 20% darker color. If you saturate the color by 10%, you get **468612**, and if you desaturate by 10%, it is **54862C**.

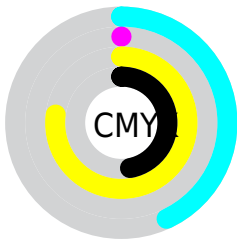
Distribution



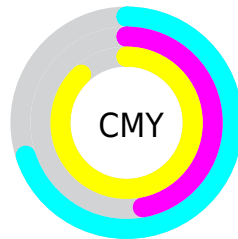
- Red (30%)
- Green (53%)
- Blue (12%)



- Red (12%)
- Yellow (53%)
- Blue (35%)



- Cyan (43%)
- Magenta (0%)
- Yellow (77%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D861F 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 4D861F by changing the saturation by 10% instead.



4D861F



4D861F

FFFFFF



326C00



83BC53



155400



9ED86D



003C00



BAF488



002700



D7FFA3



000300



F4FFBE



000000



FFFFDB



FFFFF8



4D861F



4D861F

■ 468612

■ 54862C

■ 3E8604

■ 5C863A

■ 3C8600

■ 638647

■ 6B8655

■ 728662

■ 79866F

■ 81867D

■ 88868A

■ 908698

Harmonies

Analogous

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



837A00



4D861F



008D50

Triad

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



4D861F



0087D5



D1446C

Complementary

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



4D861F



581F86

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.



BE4D9E



4D861F



0079DC

Square

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



4D861F



008EB5



8A64C7



C9513C

Rectangle

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



4D861F



008F73



8A64C7



CE447D

Sweetspot

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



4D861F



97AD86



86581F



49573E



D6D6D6



575757

Same Dimension

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



4D861F



55AD0E



1F8624



3F423C



3A8200



010300

Inverse Universe

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



581F86



660EAD



861F81



3F3C42



480082



010003

Previews

White Background



This preview shows how the Hex color 4D861F looks on a white background.

Color Contrast Check

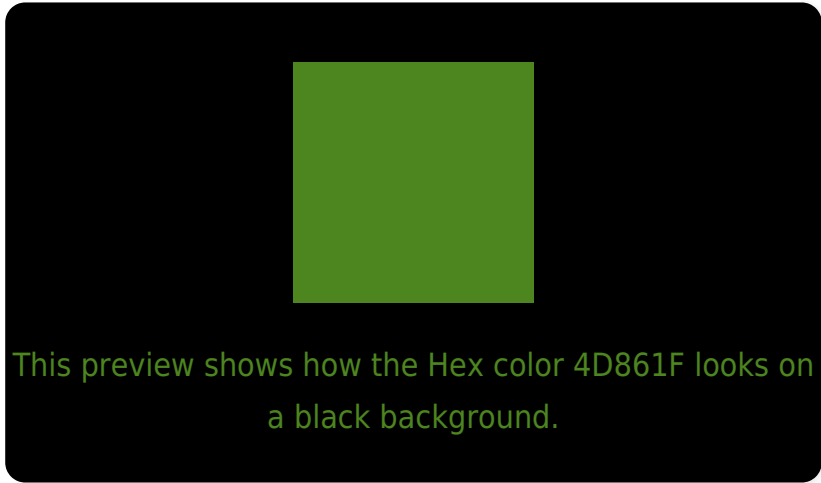
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D861F Background



This preview shows how black text looks on a background with the Hex color 4D861F.



This preview shows how white text looks on a background with the Hex color 4D861F.

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
4D861F

Protanopia
86781B

Deuteranopia
957128



Tritanopia
5C7D87

Trichromacy



Original Color
4D861F

Protanomaly
717D1C

Deuteranomaly
7B7925

Tritanomaly
578061

Monochromacy



Original Color
4D861F

Achromatopsia
696969

Achromatomaly
5F744E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D861F 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 #4D861F looks like.

```
.text, #text, p{  
    color:#4D861F  
}
```

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 #4D861F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D861F
}
```

Border

The CSS property to change the border of an element to Hex 4D861F 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
#4D861F }
```

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

```
.border{ border-color:#4D861F }
```

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

Here you see how a box with a 4 pixel #4D861F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D861F; -webkit-box-shadow:4px 4px  
4px 4px #4D861F; box-shadow:4px 4px 4px  
4px #4D861F }
```

Background

The CSS property to change the background color of an element to Hex 4D861F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D861F }
```

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

```
.background{ background-color:#4D861F }
```

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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