

# Converting Colors

Hex(62874F)

Have a look what the booklet for  
Hex(62874F) contains.

<b>Hex(62874F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(62874F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62874F
RGB	98, 135, 79
RGB Percent	38%, 53%, 31%
CMY	0.6157, 0.4706, 0.6902
CMYK	0.27, 0.00, 0.41, 0.47
HSL	100°, 26%, 42%
HSV	100°, 41%, 53%
XYZ	15.1123, 20.4891, 10.5554
YIQ	117.5530, -4.0760, -25.2600

# Conversions

## Conversions Part 2

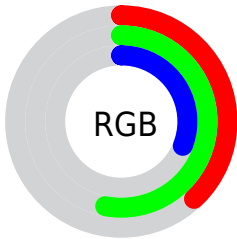
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 135, 116
Decimal	6457167
CIELab	52.39, -23.89, 26.03
CIELCh	52, 35.333, 132.548
Yxy	20.4891, 0.3274, 0.4439
Android (android.graphics.Color)	4284647247 (0xFF62874F)
YUV	117.5530, -19.0066, -17.1480
Hunter-Lab	45.2649, -19.6192, 17.8595

# Details

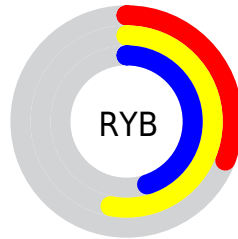
The Hex color **62874F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **744F87**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **96BC81**, and **315521** is the 20% darker color. If you saturate the color by 10%, you get **598742**, and if you desaturate by 10%, it is **6B875D**.

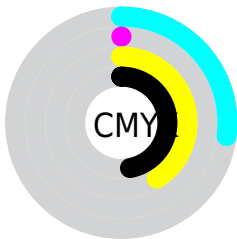
# Distribution



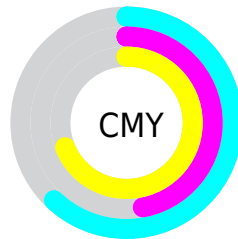
- Red (38%)
- Green (53%)
- Blue (31%)



- Red (31%)
- Yellow (53%)
- Blue (45%)



- Cyan (27%)
- Magenta (0%)
- Yellow (41%)
- Black (47%)



- Cyan (62%)
- Magenta (47%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62874F 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 62874F by changing the saturation by 10% instead.



 62874F

 62874F

FFFFFF

 496E37

 96BC81

 315521

 B1D89B

 193E0A

 CDF5B6

 032700

 E9FFD2

 000F00

 FFFFEE

 000000

 62874F

 62874F

 598742

 6B875D

 508734

 74876A

 478727

 7D8778

 3E8719

 868785

 35870B

 8F8793

 2E8700

 9887A0

 A087AE

 A987BB

 B287C9

# Harmonies

## Analogous

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



837F40



62874F



388C6A

# Triad

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



62874F



1F85B6



B76571

# Complementary

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



62874F



744F87

# 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.



AC6790



62874F



647CB8

# Square

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



62874F



008BA5



9070AA



B16B55

# Rectangle

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



62874F



008D7F



9070AA



B5647C



# Sweetspot

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



62874F



A2B09B



87734F



51594D



D9D9D9



595959



# Same Dimension

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



62874F



76B058



4F8757



3E423C



2C8200



010300



# Inverse Universe

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



744F87



9258B0



874F7F



403C42



560082



020003



# Previews

## White Background



This preview shows how the Hex color 62874F looks on a white background.

## Color Contrast Check

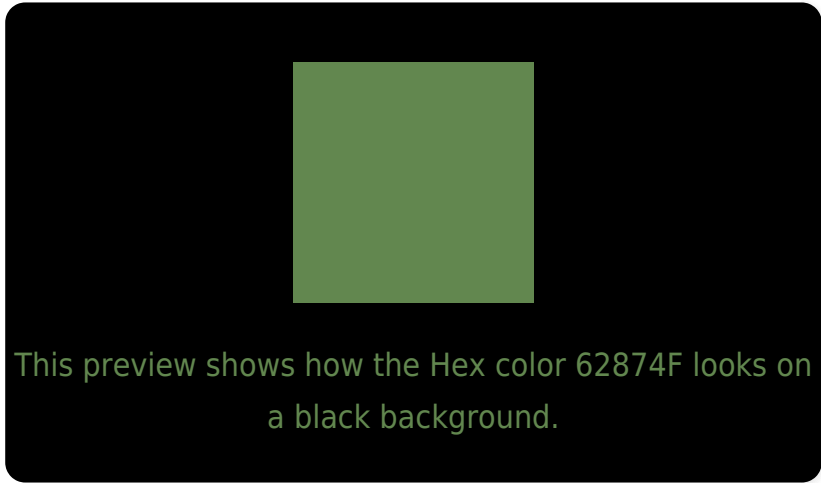
Large Text (above 18pt) WCAG AA ✓ Pass

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

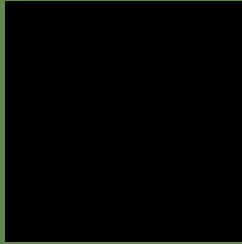
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 62874F Background



This preview shows how black text looks on a background with the Hex color 62874F.



This preview shows how white text looks on a background with the Hex color 62874F.

# 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](#).

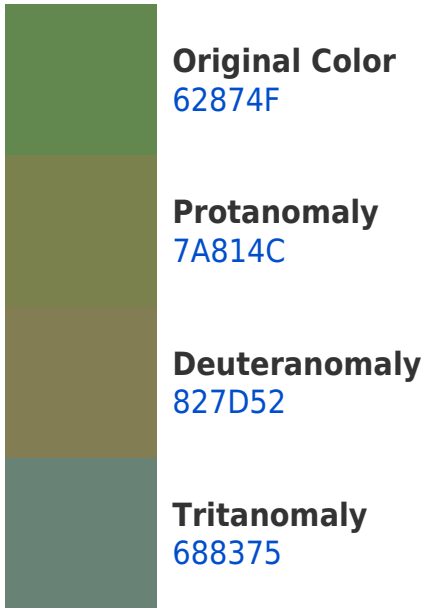
## Dichromacy



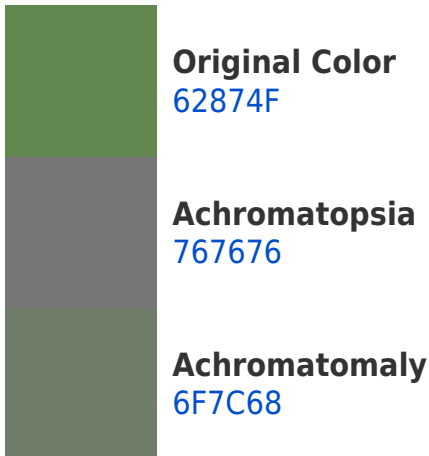


**Tritanopia**  
6B808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62874F 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 #62874F looks like.

```
.text, #text, p{  
    color:#62874F  
}
```

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 #62874F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62874F
}
```

## Border

The CSS property to change the border of an element to Hex 62874F 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
#62874F }
```

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

```
.border{ border-color:#62874F }
```

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

Here you see how a box with a 4 pixel #62874F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62874F; -webkit-box-shadow:4px 4px  
4px 4px #62874F; box-shadow:4px 4px 4px  
4px #62874F }
```

# Background

The CSS property to change the background color of an element to Hex 62874F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62874F }
```

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

```
.background{ background-color:#62874F }
```

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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