

# Converting Colors

Hex(62864A)

Have a look what the booklet for  
Hex(62864A) contains.

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**Color**

**Hex(62864A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62864A
RGB	98, 134, 74
RGB Percent	38%, 53%, 29%
CMY	0.6157, 0.4745, 0.7098
CMYK	0.27, 0.00, 0.45, 0.47
HSL	96°, 29%, 41%
HSV	96°, 45%, 53%
XYZ	14.7981, 20.1413, 9.5863
YIQ	116.3960, -2.1960, -26.2920

# Conversions

## Conversions Part 2

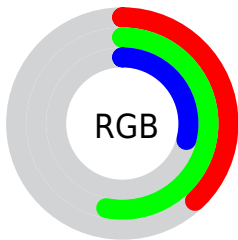
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 134, 110
Decimal	6456906
CIELab	52.00, -24.10, 28.26
CIELCh	52, 37.146, 130.461
Yxy	20.1413, 0.3324, 0.4524
Android (android.graphics.Color)	4284646986 (0xFF62864A)
YUV	116.3960, -20.9012, -16.1333
Hunter-Lab	44.8790, -19.6808, 18.7508

# Details

The Hex color **62864A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E4A86**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **96BB7C**, and **31541C** is the 20% darker color. If you saturate the color by 10%, you get **5A863D**, and if you desaturate by 10%, it is **6A8657**.

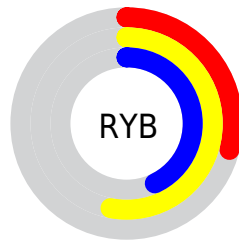
# Distribution



Red (38%)

Green (53%)

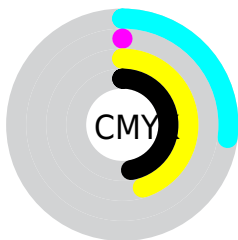
Blue (29%)



Red (29%)

Yellow (53%)

Blue (43%)

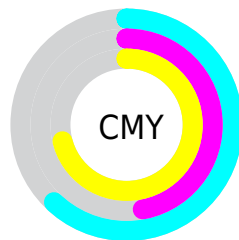


Cyan (27%)

Magenta (0%)

Yellow (45%)

Black (47%)



Cyan (62%)

Magenta (47%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62864A 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 62864A by changing the saturation by 10% instead.





62864A



62864A

FFFFFF



496D32



96BB7C



31541C



B1D796



193D04



CDF4B1



012700



E AFFCC



000D00



FF FFE9



000000



62864A



62864A



5A863D



6A8657



52862F



728665

 4A8622

 7A8672

 428614

 828680

 3A8607

 8A868D

 368600

 92869A

 9A86A8

 A286B5

 AA86C3

# Harmonies

## Analogous

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



857E3C



62864A



358B66

# Triad

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



62864A



0085B7



B86272

# Complementary

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



62864A



6E4A86

# 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.



AC6592



62864A



5C7BBA

# Square

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



62864A



008BA4



8D6FAD



B36854

# Rectangle

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



62864A



008C7B



8D6FAD



B6627D



# Sweetspot

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



62864A



A0AD97



866E4A



4E5749



D6D6D6



575757



# Same Dimension

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



62864A



75AD50



4A8650



3E423C



348200



010300



# Inverse Universe

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



6E4A86



8850AD



864A80



403C42



4E0082



020003



# Previews

## White Background



This preview shows how the Hex color 62864A looks on a white background.

## Color Contrast Check

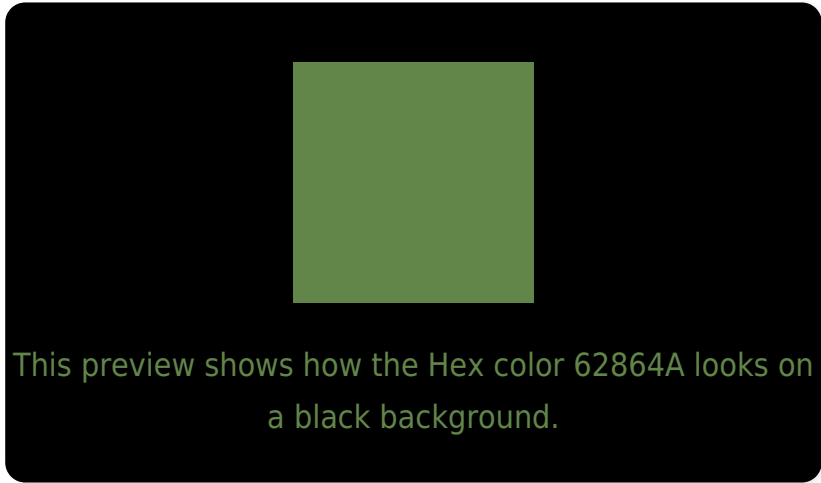
Large Text (above 18pt) WCAG AA ✓ Pass

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 62864A Background



This preview shows how black text looks on a background with the Hex color 62864A.



This preview shows how white text looks on a background with the Hex color 62864A.

# 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



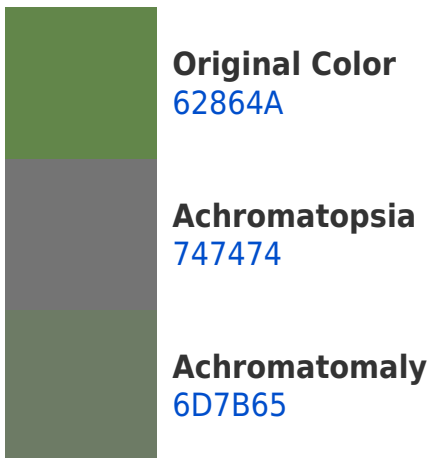


**Tritanopia**  
6C7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62864A 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 #62864A looks like.

```
.text, #text, p{  
    color:#62864A  
}
```

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 #62864A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62864A
}
```

## Border

The CSS property to change the border of an element to Hex 62864A 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
#62864A }
```

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

```
.border{ border-color:#62864A }
```

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

Here you see how a box with a 4 pixel #62864A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62864A; -webkit-box-shadow:4px 4px  
4px 4px #62864A; box-shadow:4px 4px 4px  
4px #62864A }
```

# Background

The CSS property to change the background color of an element to Hex 62864A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62864A }
```

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

```
.background{ background-color:#62864A }
```

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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