

# Converting Colors

Hex(62873D)

Have a look what the booklet for  
Hex(62873D) contains.

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**Color**

**Hex(62873D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62873D
RGB	98, 135, 61
RGB Percent	38%, 53%, 24%
CMY	0.6157, 0.4706, 0.7608
CMYK	0.27, 0.00, 0.55, 0.47
HSL	90°, 38%, 38%
HSV	90°, 55%, 53%
XYZ	14.5433, 20.2615, 7.5592
YIQ	115.5010, 1.7020, -30.8580

# Conversions

## Conversions Part 2

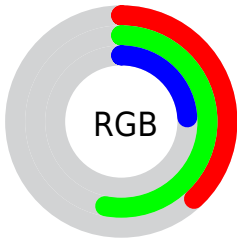
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 135, 98
Decimal	6457149
CIELab	52.13, -26.24, 35.27
CIElCh	52, 43.959, 126.649
Yxy	20.2615, 0.3433, 0.4783
Android (android.graphics.Color)	4284647229 (0xFF62873D)
YUV	115.5010, -26.8690, -15.3484
Hunter-Lab	45.0128, -21.1005, 21.5521

# Details

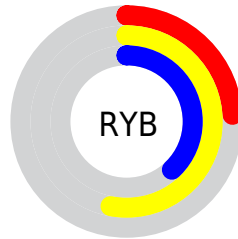
The Hex color **62873D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **623D87**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **97BC6F**, and **30550C** is the 20% darker color. If you saturate the color by 10%, you get **5B8730**, and if you desaturate by 10%, it is **69874B**.

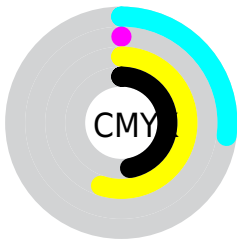
# Distribution



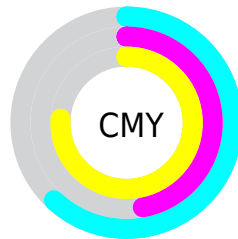
- Red (38%)
- Green (53%)
- Blue (24%)



- Red (24%)
- Yellow (53%)
- Blue (38%)



- Cyan (27%)
- Magenta (0%)
- Yellow (55%)
- Black (47%)



- Cyan (62%)
- Magenta (47%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62873D 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 62873D by changing the saturation by 10% instead.





62873D



62873D

FFFFFF



496E25



97BC6F



30550C



B2D889



183D00



CEF5A3



002700



EBFFBF



000E00



FFFFDB



000000



FFFFFF8



62873D



62873D



5B8730



69874B

■ 558722

■ 708758

■ 4E8715

■ 768766

■ 478707

■ 7D8773

■ 448700

■ 848781

■ 8B878E

■ 91879C

■ 9887A9

■ 9F87B7

# Harmonies

## Analogous

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



8A7D2D



62873D



288D5D

# Triad

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



62873D



0088C1



C25B75

# Complementary

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



62873D



623D87

# 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.



B1619B



62873D



467EC7

# Square

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



62873D



008EA8



8A6FB9



BE6251

# Rectangle

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



62873D



008F77



8A6FB9



BF5C82



# Sweetspot

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



62873D



A2B094



87623D



515948



D9D9D9



595959



# Same Dimension

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



62873D



76B03C



3D873D



3F423C



418200



010300



# Inverse Universe

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



623D87



763CB0



873D87



3F3C42



410082



010003



# Previews

## White Background



This preview shows how the Hex color 62873D looks on a white background.

## Color Contrast Check

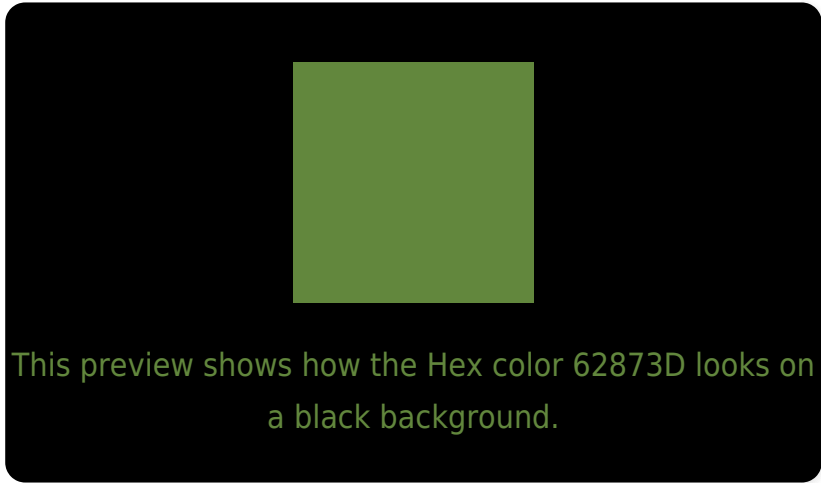
Large Text (above 18pt) WCAG AA ✓ Pass

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

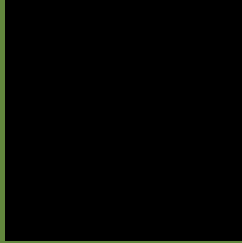
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 62873D Background



This preview shows how black text looks on a background with the Hex color 62873D.



This preview shows how white text looks on a background with the Hex color 62873D.

# 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**  
62873D

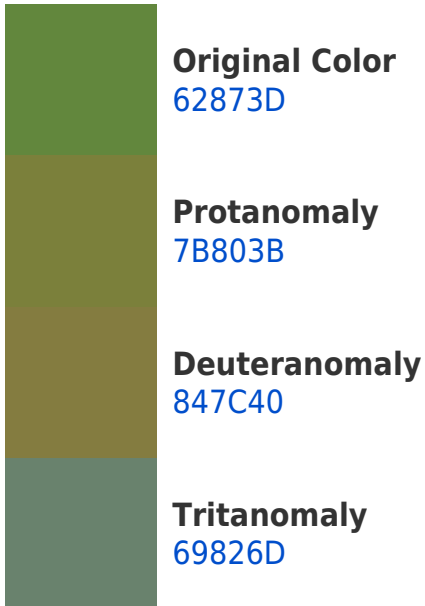
**Protanopia**  
897C3A

**Deuteranopia**  
987642

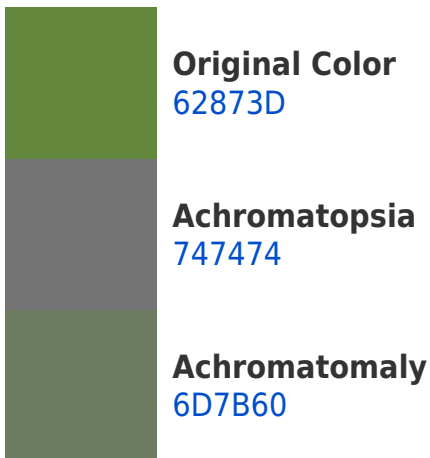


**Tritanopia**  
6D7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62873D 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 #62873D looks like.

```
.text, #text, p{  
    color:#62873D  
}
```

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 #62873D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62873D  
}
```

## Border

The CSS property to change the border of an element to Hex 62873D 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".

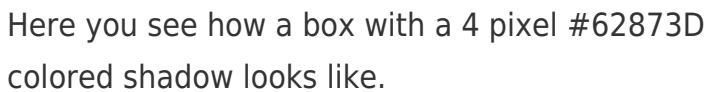
```
.border, #border, table{ border:4px solid  
#62873D }
```

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

```
.border{ border-color:#62873D }
```

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

Here you see how a box with a 4 pixel #62873D colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62873D; -webkit-box-shadow:4px 4px  
4px 4px #62873D; box-shadow:4px 4px 4px  
4px #62873D }
```

# Background

The CSS property to change the background color of an element to Hex 62873D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62873D }
```

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

```
.background{ background-color:#62873D }
```

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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