

# Converting Colors

Hex(62893E)

Have a look what the booklet for  
Hex(62893E) contains.

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# Color

**Hex(62893E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62893E
RGB	98, 137, 62
RGB Percent	38%, 54%, 24%
CMY	0.6157, 0.4627, 0.7569
CMYK	0.28, 0.00, 0.55, 0.46
HSL	91°, 38%, 39%
HSV	91°, 55%, 54%
XYZ	14.8522, 20.8358, 7.7963
YIQ	116.7890, 0.8310, -31.5930

# Conversions

## Conversions Part 2

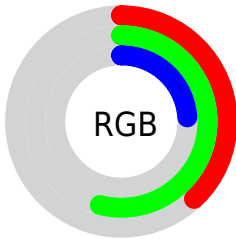
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 137, 101
Decimal	6457662
CIELab	52.77, -27.11, 35.52
CIELCh	53, 44.681, 127.352
Yxy	20.8358, 0.3416, 0.4792
Android (android.graphics.Color)	4284647742 (0xFF62893E)
YUV	116.7890, -27.0110, -16.4780
Hunter-Lab	45.6462, -21.8014, 21.8257

# Details

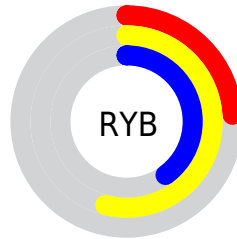
The Hex color **62893E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **653E89**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **97BF70**, and **30570D** is the 20% darker color. If you saturate the color by 10%, you get **5B8930**, and if you desaturate by 10%, it is **69894C**.

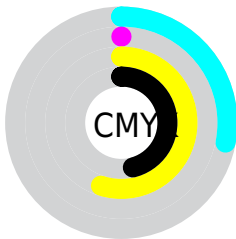
# Distribution



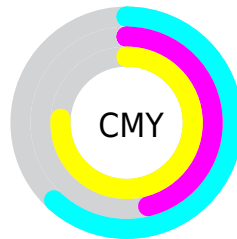
- Red (38%)
- Green (54%)
- Blue (24%)



- Red (24%)
- Yellow (54%)
- Blue (40%)



- Cyan (28%)
- Magenta (0%)
- Yellow (55%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62893E 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 62893E by changing the saturation by 10% instead.





62893E



62893E

FFFFFF



496F26



97BF70



30570D



B2DB8A



183F00



CEF7A4



002900



EBFFC0



001100



FFFFDC



000000



FFFFF9



62893E



62893E



5B8930



69894C

■ 548923

■ 708959

■ 4D8915

■ 778967

■ 468907

■ 7E8975

■ 428900

■ 868983

■ 8D8990

■ 94899E

■ 9B89AC

■ A289B9

# Harmonies

## Analogous

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



8B7F2E



62893E



258F5F

# Triad

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



62893E



008AC4



C55C76

# Complementary

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



62893E



653E89

# 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.



B4629C



62893E



497FCA

# Square

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



62893E



0090AB



8D70BB



C06351

# Rectangle

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



62893E



009179



8D70BB



C25D83



# Sweetspot

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



62893E



A4B396



89653E



505948



D9D9D9



595959



# Same Dimension

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



62893E



75B33D



3E893F



41453E



408500



020500



# Inverse Universe

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



653E89



7A3DB3



893E88



423E45



450085



030005



# Previews

## White Background



This preview shows how the Hex color 62893E looks on a white background.

## Color Contrast Check

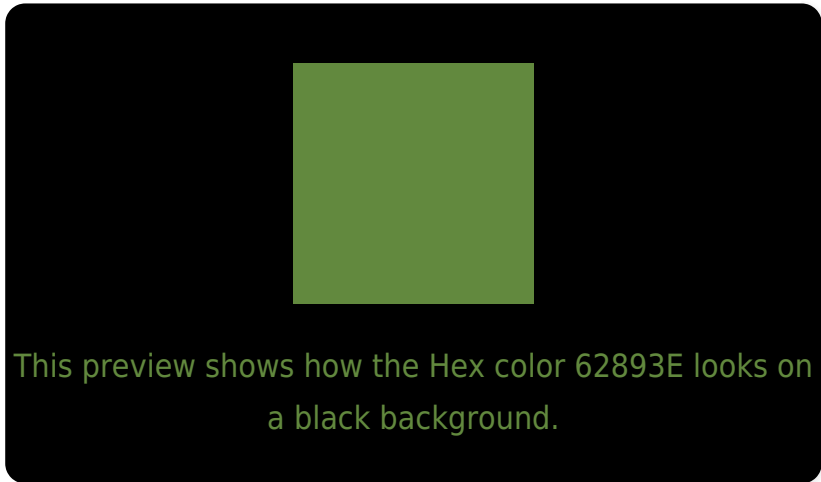
Large Text (above 18pt) WCAG AA ✓ Pass

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

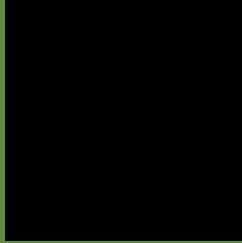
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 62893E Background



This preview shows how black text looks on a background with the Hex color 62893E.



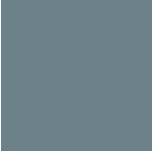
This preview shows how white text looks on a background with the Hex color 62893E.

# 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](#).

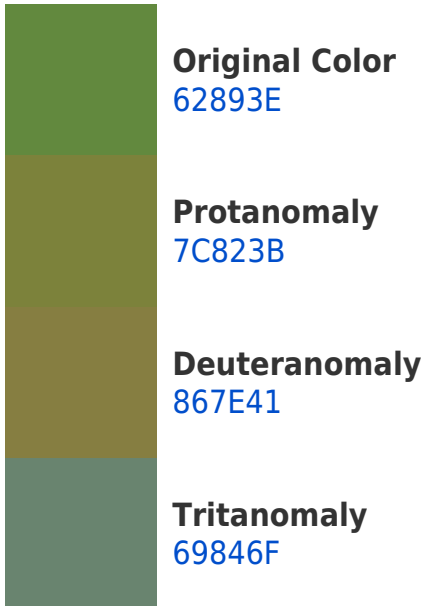
## Dichromacy



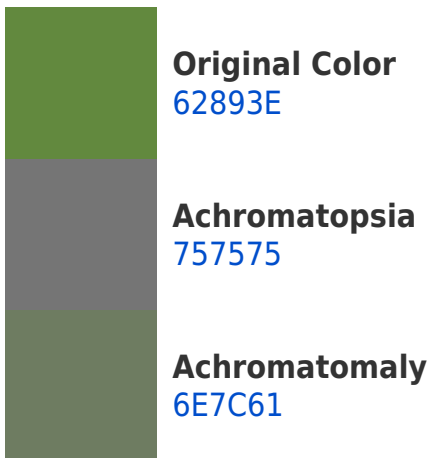


**Tritanopia**  
6D818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62893E 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 #62893E looks like.

```
.text, #text, p{  
    color:#62893E  
}
```

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 #62893E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62893E
}
```

## Border

The CSS property to change the border of an element to Hex 62893E 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".

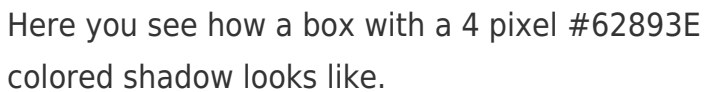
```
.border, #border, table{ border:4px solid
#62893E }
```

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

```
.border{ border-color:#62893E }
```

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

Here you see how a box with a 4 pixel #62893E 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.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62893E; -webkit-box-shadow:4px 4px  
4px 4px #62893E; box-shadow:4px 4px 4px  
4px #62893E }
```

# Background

The CSS property to change the background color of an element to Hex 62893E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62893E }
```

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

```
.background{ background-color:#62893E }
```

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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