

Converting Colors

Hex(62993E)

Have a look what the booklet for
Hex(62993E) contains.

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Color

Hex(62993E)

Conversions

Conversions Part 1

Format	Color
Hex	62993E
RGB	98, 153, 62
RGB Percent	38%, 60%, 24%
CMY	0.6157, 0.4000, 0.7569
CMYK	0.36, 0.00, 0.59, 0.40
HSL	96°, 42%, 42%
HSV	96°, 59%, 60%
XYZ	17.2977, 25.7269, 8.6115
YIQ	126.1810, -3.5690, -39.9610

Conversions

Conversions Part 2

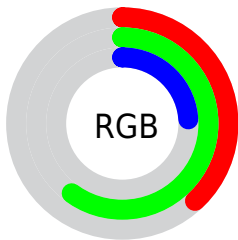
Format	Color
RYB	62, 153, 117
Decimal	6461758
CIELab	57.78, -34.66, 41.35
CIELCh	58, 53.954, 129.965
Yxy	25.7269, 0.3350, 0.4982
Android (android.graphics.Color)	4284651838 (0xFF62993E)
YUV	126.1810, -31.6412, -24.7147
Hunter-Lab	50.7217, -27.8888, 25.4390

Details

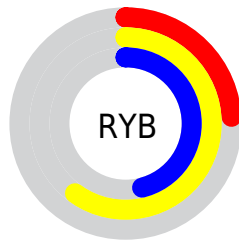
The Hex color **62993E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **753E99**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **98D071**, and **2D6508** is the 20% darker color. If you saturate the color by 10%, you get **59992F**, and if you desaturate by 10%, it is **6B994D**.

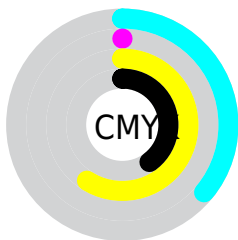
Distribution



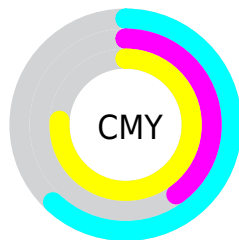
- Red (38%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (46%)



- Cyan (36%)
- Magenta (0%)
- Yellow (59%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62993E 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 62993E by changing the saturation by 10% instead.



62993E



62993E

FFFFFF



487F25



98D071



2D6508



B4EC8B



104D00



D0FFA6



003600



EDFFC2



002200



FFFFDE



000000



FFFFFB



62993E



62993E



59992F



6B994D

■ 50991F

■ 74995D

■ 469910

■ 7E996C

■ 3D9901

■ 87997B

■ 3D9900

■ 90998B

■ 99999A

■ A399A9

■ AC99B8

■ B599C8

Harmonies

Analogous

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



958D25



62993E



00A069

Triad

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



62993E



0099E3



E15F7D

Complementary

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



62993E



753E99

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.



D065AC



62993E



4B8BE8

Square

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



62993E



00A0C6



A278D4



D96A50

Rectangle

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



62993E



00A189



A278D4



DE5F8D

Sweetspot

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



62993E



B1C7A3



99753E



56634E



E3E3E3



636363

Same Dimension

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



62993E



72C73A



3E9947



484D45



378C00



050D00

Inverse Universe

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



753E99



8F3AC7



993E90



49454D



55008C



08000D

Previews

White Background



This preview shows how the Hex color 62993E looks on a white background.

Color Contrast Check

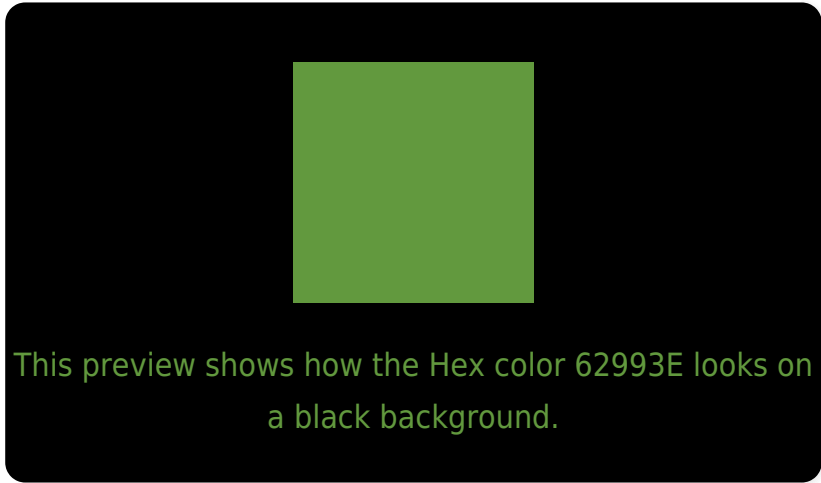
Large Text (above 18pt) WCAG AA ✓ Pass

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

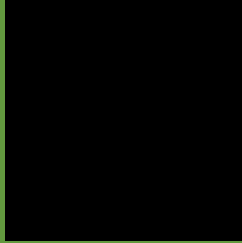
Any Text WCAG AA ✓ Pass

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 62993E Background



This preview shows how black text looks on a background with the Hex color 62993E.

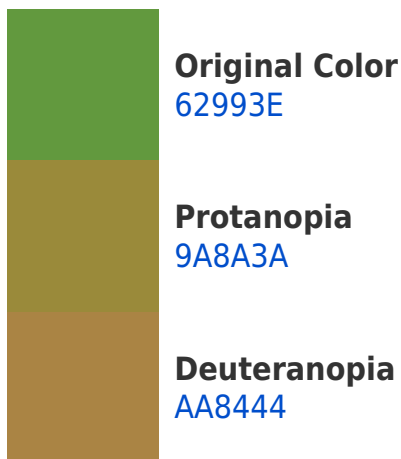


This preview shows how white text looks on a background with the Hex color 62993E.

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
70909B

Trichromacy



Original Color
62993E

Protanomaly
868F3B

Deuteranomaly
908C42

Tritanomaly
6B9379

Monochromacy



Original Color
62993E

Achromatopsia
7E7E7E

Achromatomaly
748867

CSS Examples

Text

The CSS property to change the color of the text to Hex 62993E 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 #62993E looks like.

```
.text, #text, p{  
    color:#62993E  
}
```

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 #62993E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62993E
}
```

Border

The CSS property to change the border of an element to Hex 62993E 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
#62993E }
```

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

```
.border{ border-color:#62993E }
```

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

Here you see how a box with a 4 pixel #62993E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62993E; -webkit-box-shadow:4px 4px  
4px 4px #62993E; box-shadow:4px 4px 4px  
4px #62993E }
```

Background

The CSS property to change the background color of an element to Hex 62993E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62993E }
```

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

```
.background{ background-color:#62993E }
```

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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