

Converting Colors

Hex(77962E)

Have a look what the booklet for
Hex(77962E) contains.

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Color

Hex(77962E)

Conversions

Conversions Part 1

Format	Color
Hex	77962E
RGB	119, 150, 46
RGB Percent	47%, 59%, 18%
CMY	0.5333, 0.4118, 0.8196
CMYK	0.21, 0.00, 0.69, 0.41
HSL	78°, 53%, 38%
HSV	78°, 69%, 59%
XYZ	19.0072, 25.9319, 6.5883
YIQ	128.8750, 14.9080, -38.9160

Conversions

Conversions Part 2

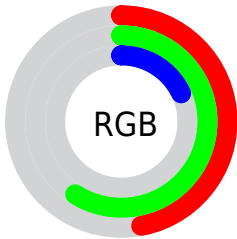
Format	Color
RYB	46, 150, 77
Decimal	7837230
CIELab	57.97, -26.46, 49.02
CIElCh	58, 55.704, 118.355
Yxy	25.9319, 0.3689, 0.5033
Android (android.graphics.Color)	4286027310 (0xFF77962E)
YUV	128.8750, -40.8574, -8.6604
Hunter-Lab	50.9234, -22.4904, 27.9756

Details

The Hex color **77962E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4D2E96**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AECC62**, and **436300** is the 20% darker color. If you saturate the color by 10%, you get **73961F**, and if you desaturate by 10%, it is **7B963D**.

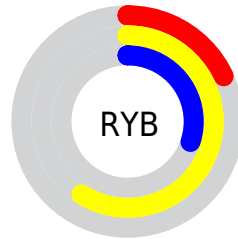
Distribution



Red (47%)

Green (59%)

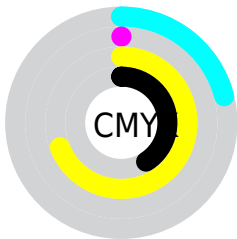
Blue (18%)



Red (18%)

Yellow (59%)

Blue (30%)

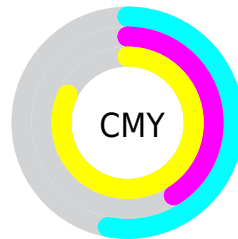


Cyan (21%)

Magenta (0%)

Yellow (69%)

Black (41%)



Cyan (53%)

Magenta (41%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77962E 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 77962E by changing the saturation by 10% instead.



77962E



77962E

FFFFFF



5D7C11



AECC62



436300



CAE87C



2A4B00



E7FF97



0D3400



FFFFB3



002000



FFFFCF



000000



FFF FEC



77962E



77962E



73961F



7B963D

■ 6E9610

■ 80964C

■ 6A9601

■ 84965B

■ 699600

■ 89966A

■ 8D9679

■ 929688

■ 969697

■ 9B96A6

■ 9F96B5

Harmonies

Analogous

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



A78820



77962E



309F56

Triad

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



77962E



009DDE



E15E90

Complementary

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



77962E



4D2E96

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.



C46BBF



77962E



0092ED

Square

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



77962E



00A2B8



8780E1



E26360

Rectangle

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



77962E



00A276



8780E1



DA60A0

Sweetspot

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



77962E



B6C299



964B2E



5A6149



E0E0E0



616161

Same Dimension

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



77962E



92C221



45962E



484A43



618A00



070A00

Inverse Universe

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



4D2E96



5121C2



7F2E96



45434A



29008A



03000A

Previews

White Background



This preview shows how the Hex color 77962E looks on a white background.

Color Contrast Check

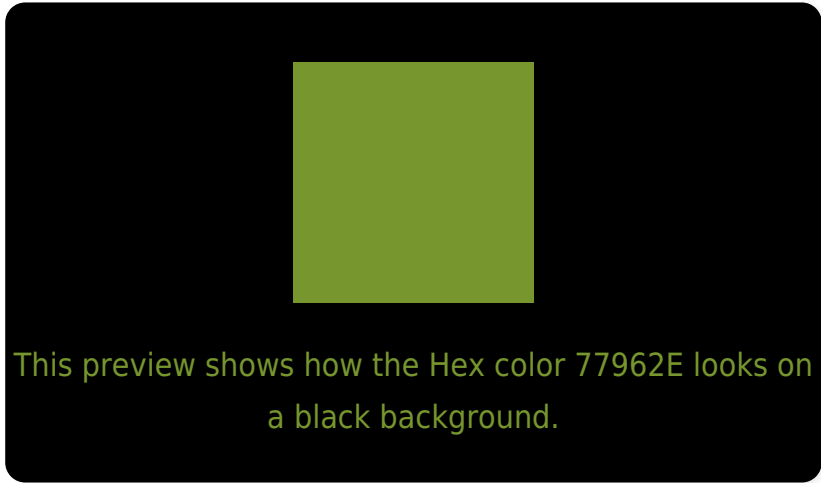
Large Text (above 18pt) WCAG AA ✓ Pass

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 77962E Background



This preview shows how black text looks on a background with the Hex color 77962E.



This preview shows how white text looks on a background with the Hex color 77962E.

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
77962E

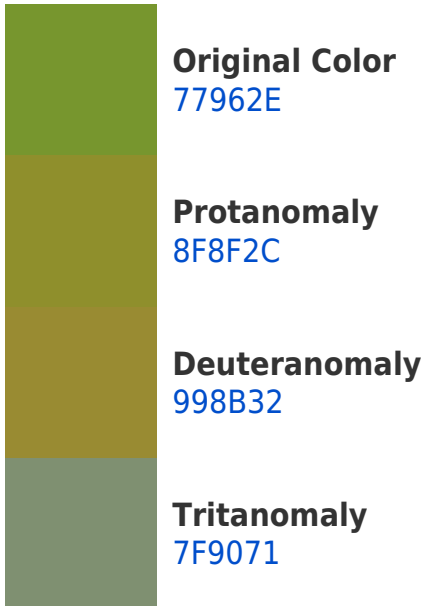
Protanopia
9C8B2B

Deuteranopia
AD8434



Tritanopia
838C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77962E 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 #77962E looks like.

```
.text, #text, p{  
    color:#77962E  
}
```

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 #77962E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77962E
}
```

Border

The CSS property to change the border of an element to Hex 77962E 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
#77962E }
```

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

```
.border{ border-color:#77962E }
```

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

Here you see how a box with a 4 pixel #77962E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77962E; -webkit-box-shadow:4px 4px  
4px 4px #77962E; box-shadow:4px 4px 4px  
4px #77962E }
```

Background

The CSS property to change the background color of an element to Hex 77962E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77962E }
```

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

```
.background{ background-color:#77962E }
```

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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