

Converting Colors

Hex(633E00)

Have a look what the booklet for
Hex(633E00) contains.

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Color

Hex(633E00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 633E00 |
| RGB | 99, 62, 0 |
| RGB Percent | 39%, 24%, 0% |
| CMY | 0.6118, 0.7569, 1.0000 |
| CMYK | 0.00, 0.37, 1.00, 0.61 |
| HSL | 38°, 100%, 19% |
| HSV | 38°, 100%, 39% |
| XYZ | 6.8682, 6.0979, 0.8150 |
| YIQ | 65.9950, 41.9540, -11.4380 |

Conversions

Conversions Part 2

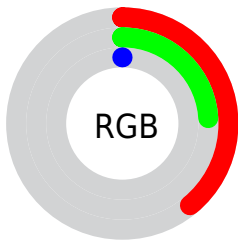
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 59, 99, 0 |
| Decimal | 6503936 |
| CIE Lab | 29.66, 11.46, 39.48 |
| CIE LCh | 30, 41.106, 73.816 |
| Yxy | 6.0979, 0.4984, 0.4425 |
| Android (android.graphics.Color) | 4284694016 (0xFF633E00) |
| YUV | 65.9950, -32.5355, 28.9454 |
| Hunter-Lab | 24.6939, 6.4325, 15.3289 |

Details

The Hex color **633E00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002563**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9A6D32**, and **2F1400** is the 20% darker color. If you saturate the color by 10%, you get **633E00**, and if you desaturate by 10%, it is **63420A**.

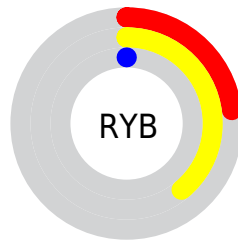
Distribution



Red (39%)

Green (24%)

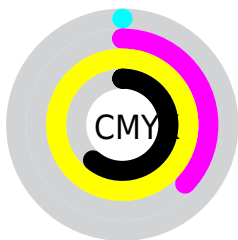
Blue (0%)



Red (23%)

Yellow (39%)

Blue (0%)

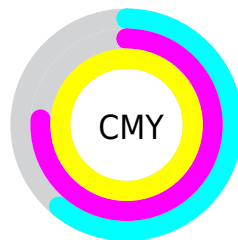


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633E00 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 633E00 by changing the saturation by 10% instead.

 633E00

 633E00

 FFFFEA

 492800

 9A6D32

 2F1400

 B6874A

 160000

 D3A163

 000000

 F1BC7C

 FFD896

 FFF4B2

 FFFFCD

 633E00

■ 63420A

■ 634514

■ 63491E

■ 634D28

■ 635132

■ 63543B

■ 635845

■ 635C4F

■ 635F59

Harmonies

Analogous

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



77301B



633E00



474900

Triad

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



633E00



005554



5A3674

Complementary

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



633E00



002563

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.



1A4584



633E00



005371

Square

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



633E00



005333



004E83



762858

Rectangle

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



633E00



304E08



004E83



4B3B7B

Sweetspot

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



633E00



807159



630026



403729



BFBFBF



404040

Same Dimension

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



633E00



805000



576300



302F2C



704600



F09600

Inverse Universe

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



002563



003080



0C0063



2C2D30



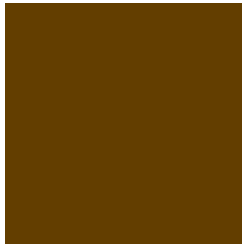
002A70



005AF0

Previews

White Background



This preview shows how the Hex color 633E00 looks on a white background.

Color Contrast Check

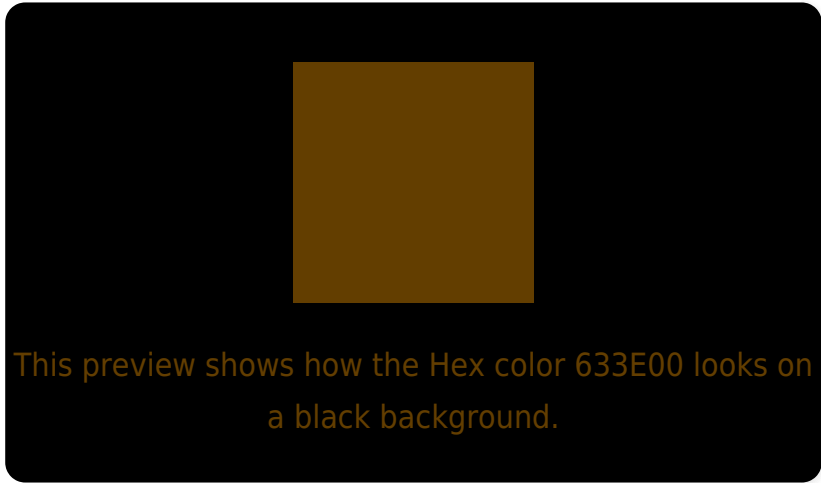
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

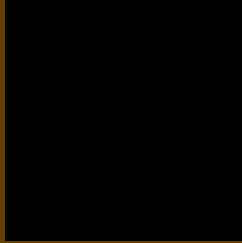
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 633E00 Background



This preview shows how black text looks on a background with the Hex color 633E00.



This preview shows how white text looks on a background with the Hex color 633E00.

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
633E00

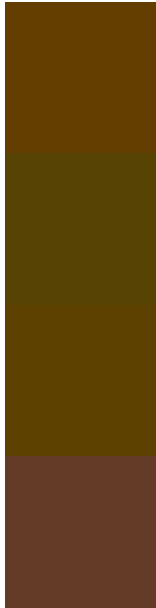
Protanopia
504707

Deuteranopia
594300



Tritanopia
653A3E

Trichromacy



Original Color
633E00

Protanomaly
574404

Deuteranomaly
5D4100

Tritanomaly
643B27

Monochromacy



Original Color
633E00

Achromatopsia
424242

Achromatomaly
4E412A

CSS Examples

Text

The CSS property to change the color of the text to Hex 633E00 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 #633E00 looks like.

```
.text, #text, p{  
    color:#633E00  
}
```

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 #633E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633E00
}
```

Border

The CSS property to change the border of an element to Hex 633E00 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
#633E00 }
```

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

```
.border{ border-color:#633E00 }
```

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

Here you see how a box with a 4 pixel #633E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633E00; -webkit-box-shadow:4px 4px  
4px 4px #633E00; box-shadow:4px 4px 4px  
4px #633E00 }
```

Background

The CSS property to change the background color of an element to Hex 633E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633E00 }
```

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

```
.background{ background-color:#633E00 }
```

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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