

Converting Colors

Hex(CE7933)

Have a look what the booklet for
Hex(CE7933) contains.

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Color

Hex(CE7933)

Conversions

Conversions Part 1

Format	Color
Hex	CE7933
RGB	206, 121, 51
RGB Percent	81%, 47%, 20%
CMY	0.1922, 0.5255, 0.8000
CMYK	0.00, 0.41, 0.75, 0.19
HSL	27°, 61%, 50%
HSV	27°, 75%, 81%
XYZ	32.8885, 27.0356, 6.6169
YIQ	138.4350, 73.1300, -3.7500

Conversions

Conversions Part 2

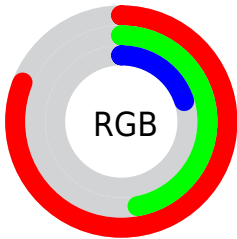
Format	Color
RYB	206, 179, 51
Decimal	13531443
CIELab	59.01, 27.72, 50.69
CIElCh	59, 57.775, 61.330
Yxy	27.0356, 0.4943, 0.4063
Android (android.graphics.Color)	4291721523 (0xFFCE7933)
YUV	138.4350, -43.1055, 59.2545
Hunter-Lab	51.9957, 21.9128, 28.8518

Details

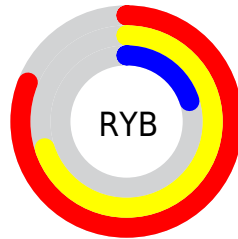
The Hex color **CE7933** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3388CE**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAE66**, and **924700** is the 20% darker color. If you saturate the color by 10%, you get **CE6E1E**, and if you desaturate by 10%, it is **CE8448**.

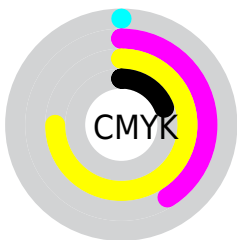
Distribution



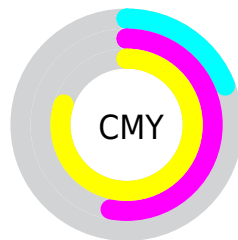
- Red (81%)
- Green (47%)
- Blue (20%)



- Red (81%)
- Yellow (70%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (75%)
- Black (19%)



- Cyan (19%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE7933 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 CE7933 by changing the saturation by 10% instead.

 CE7933

 CE7933

FFFFFF

 B06019

 FFAE66

 924700

 FFCA80

 753000

 FFE69A

 581900

 FFFFB6

 3C0200

 FFFF D2

 250001

 FFFF E E

 000000

 CE7933

 CE7933

 CE6E1E

 CE8448

 CE620A

 CE905C

 CE5D00

 CE9B71

 CEA685

 CEB19A

 CEBDAF

 CEC8C3

 CED3D8

 CEDFEC

Harmonies

Analogous

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



E6655C



CE7933



A68C1C

Triad

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



CE7933



00A68F



9180E5

Complementary

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



CE7933



3388CE

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.



0093F4



CE7933



00A5C1

Square

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



CE7933



1DA35B



00A0E6



CD6AC0

Rectangle

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



CE7933



859625



00A0E6



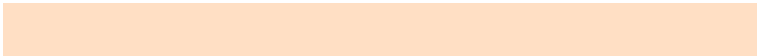
7487ED

Sweetspot

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



CE7933



FFDFC4



CE3388



806C5C



000000



808080

Same Dimension

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



CE7933



FF8119



CEC633



66605C



A64B00



261100

Inverse Universe

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



3388CE



1997FF



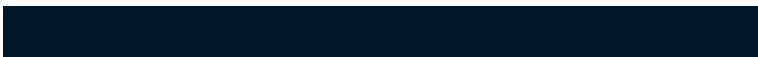
333BCE



5C6166



005BA6



001526

Previews

White Background



This preview shows how the Hex color CE7933 looks on a white background.

Color Contrast Check

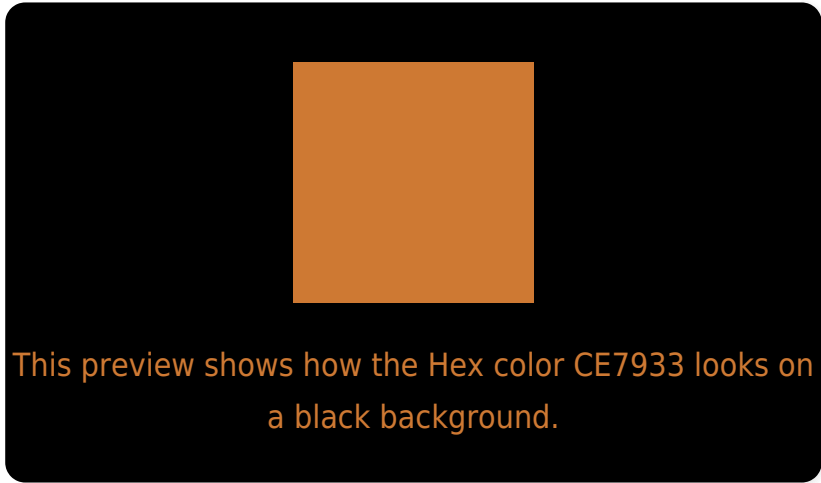
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE7933 Background



This preview shows how black text looks on a background with the Hex color CE7933.



This preview shows how white text looks on a background with the Hex color CE7933.

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
CE7933

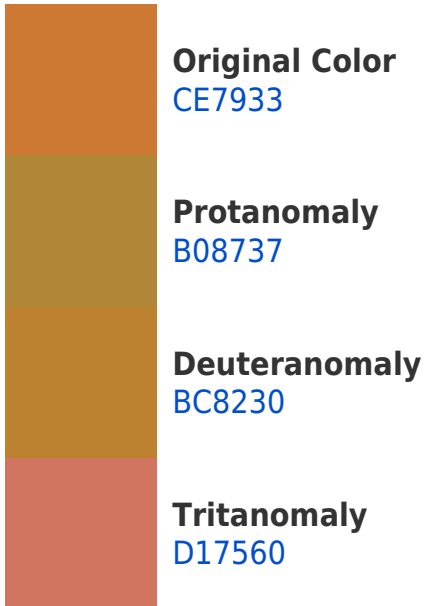
Protanopia
9F8F39

Deuteranopia
B2872F



Tritanopia
D2727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE7933 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 #CE7933 looks like.

```
.text, #text, p{  
    color:#CE7933  
}
```

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 #CE7933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE7933  
}
```

Border

The CSS property to change the border of an element to Hex CE7933 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  
#CE7933 }
```

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

```
.border{ border-color:#CE7933 }
```

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

Here you see how a box with a 4 pixel #CE7933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE7933; -webkit-box-shadow:4px 4px  
4px 4px #CE7933; box-shadow:4px 4px 4px  
4px #CE7933 }
```

Background

The CSS property to change the background color of an element to Hex CE7933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE7933 }
```

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

```
.background{ background-color:#CE7933 }
```

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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