

Converting Colors

Hex(CE6831)

Have a look what the booklet for
Hex(CE6831) contains.

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Color

Hex(CE6831)

Conversions

Conversions Part 1

Format	Color
Hex	CE6831
RGB	206, 104, 49
RGB Percent	81%, 41%, 19%
CMY	0.1922, 0.5922, 0.8078
CMYK	0.00, 0.50, 0.76, 0.19
HSL	21°, 62%, 50%
HSV	21°, 76%, 81%
XYZ	30.9583, 23.2442, 5.7606
YIQ	128.2280, 78.4470, 4.5190

Conversions

Conversions Part 2

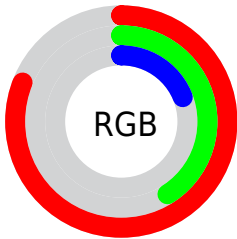
Format	Color
R _Y B	206, 134, 49
Decimal	13527089
CIE Lab	55.32, 36.59, 47.89
CIE LCh	55, 60.269, 52.616
Yxy	23.2442, 0.5163, 0.3876
Android (android.graphics.Color)	4291717169 (0xFFCE6831)
YUV	128.2280, -39.0594, 68.2060
Hunter-Lab	48.2122, 30.2480, 26.6643

Details

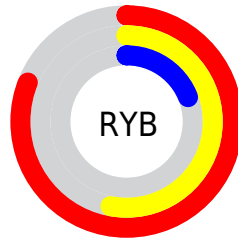
The Hex color **CE6831** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3197CE**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9D62**, and **913600** is the 20% darker color. If you saturate the color by 10%, you get **CE5B1C**, and if you desaturate by 10%, it is **CE7546**.

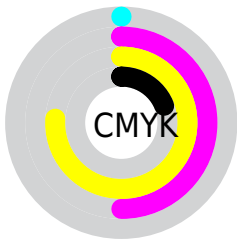
Distribution



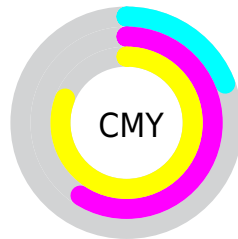
- Red (81%)
- Green (41%)
- Blue (19%)



- Red (81%)
- Yellow (53%)
- Blue (19%)



- Cyan (0%)
- Magenta (50%)
- Yellow (76%)
- Black (19%)



- Cyan (19%)
- Magenta (59%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE6831 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 CE6831 by changing the saturation by 10% instead.

 CE6831

 CE6831

FFFFFF

 AF4F18

 FF9D62

 913600

 FFB87C

 741C00

 FFD497

 570000

 FFF1B2

 3B0000

 FFFFCE

 1E0001

 FFFFEA

 000000

 CE6831

 CE6831

 CE5B1C

 CE7546

 CE4D08

 CE835A

 CE4800

 CE906F

 CE9E83

 CEAB98

 CEB8AD

 CEC6C1

 CED3D6

 CEE0EA

Harmonies

Analogous

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



E15460



CE6831



A97D07

Triad

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



CE6831



009C75



6B7CE6

Complementary

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



CE6831



3197CE

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.



008EEC



CE6831



009DAB

Square

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



CE6831



309741



0099D7



B764C5

Rectangle

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



CE6831



8A8904



0099D7



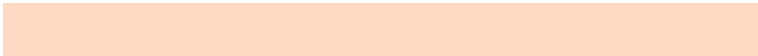
3D83EB

Sweetspot

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



CE6831



FFD9C4



CE3197



80685C



000000



808080

Same Dimension

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



CE6831



FF6817



CEB631



665F5C



A63A00



260D00

Inverse Universe

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



3197CE



17AEFF



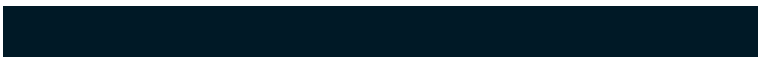
3149CE



5C6266



006CA6



001926

Previews

White Background



This preview shows how the Hex color CE6831 looks on a white background.

Color Contrast Check

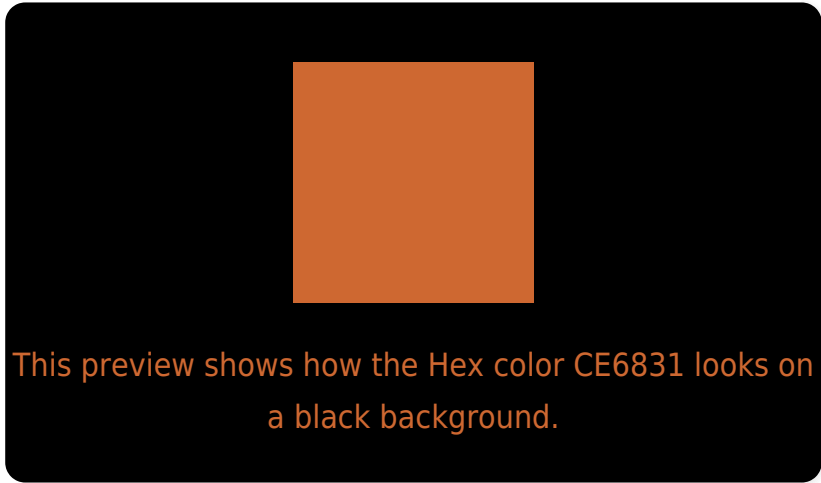
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE6831 Background



This preview shows how black text looks on a background with the Hex color CE6831.



This preview shows how white text looks on a background with the Hex color CE6831.

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
CE6831

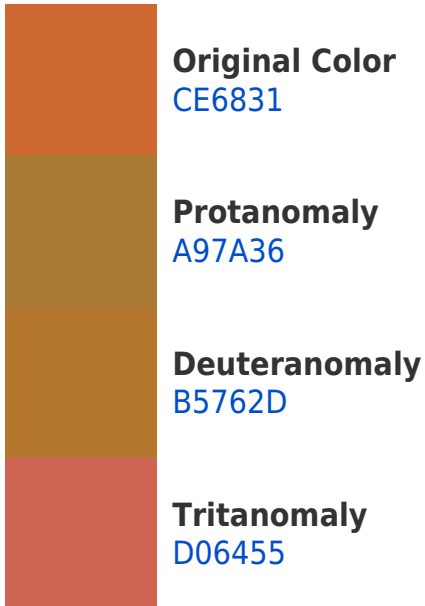
Protanopia
948539

Deuteranopia
A77E2A



Tritanopia
D16269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE6831 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 #CE6831 looks like.

```
.text, #text, p{  
    color:#CE6831  
}
```

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 #CE6831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE6831
}
```

Border

The CSS property to change the border of an element to Hex CE6831 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
#CE6831 }
```

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

```
.border{ border-color:#CE6831 }
```

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

Here you see how a box with a 4 pixel #CE6831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE6831; -webkit-box-shadow:4px 4px  
4px 4px #CE6831; box-shadow:4px 4px 4px  
4px #CE6831 }
```

Background

The CSS property to change the background color of an element to Hex CE6831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE6831 }
```

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

```
.background{ background-color:#CE6831 }
```

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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