

Converting Colors

Hex(CE6A22)

Have a look what the booklet for
Hex(CE6A22) contains.

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Color

Hex(CE6A22)

Conversions

Conversions Part 1

Format	Color
Hex	CE6A22
RGB	206, 106, 34
RGB Percent	81%, 42%, 13%
CMY	0.1922, 0.5843, 0.8667
CMYK	0.00, 0.49, 0.83, 0.19
HSL	25°, 72%, 47%
HSV	25°, 83%, 81%
XYZ	30.8964, 23.5454, 4.4297
YIQ	127.6920, 82.7120, -1.1920

Conversions

Conversions Part 2

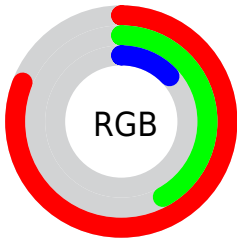
Format	Color
R _Y B	206, 158, 34
Decimal	13527586
CIE Lab	55.63, 35.04, 54.71
CIE LCh	56, 64.973, 57.363
Yxy	23.5454, 0.5248, 0.3999
Android (android.graphics.Color)	4291717666 (0xFFCE6A22)
YUV	127.6920, -46.1902, 68.6761
Hunter-Lab	48.5236, 28.7399, 28.5540

Details

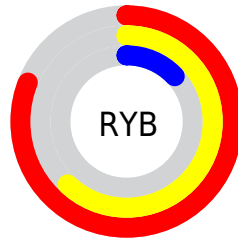
The Hex color **CE6A22** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **2286CE**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9F55**, and **913800** is the 20% darker color. If you saturate the color by 10%, you get **CE5E0D**, and if you desaturate by 10%, it is **CE7637**.

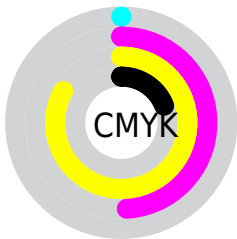
Distribution



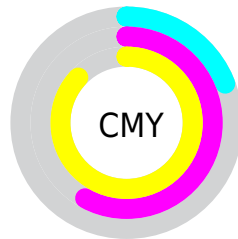
- Red (81%)
- Green (42%)
- Blue (13%)



- Red (81%)
- Yellow (62%)
- Blue (13%)



- Cyan (0%)
- Magenta (49%)
- Yellow (83%)
- Black (19%)



- Cyan (19%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE6A22 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 CE6A22 by changing the saturation by 10% instead.

 CE6A22

 CE6A22

FFFFFF

 AF5102

 FF9F55

 913800

 FFBA6F

 731F00

 FFD68A

 560300

 FFF3A5

 3A0000

 FFFFC0

 1E0001

 FFFFDD

 000000

 FFFFFA

 CE6A22

 CE6A22

■ CE5E0D

■ CE7637

■ CE5600

■ CE824B

■ CE8E60

■ CE9A74

■ CEA689

■ CEB29E

■ CEBEB2

■ CECAC7

■ CED6DB

Harmonies

Analogous

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



E65255



CE6A22



A48100

Triad

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



CE6A22



009F7E



7978EA

Complementary

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



CE6A22



2286CE

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.



008EF7



CE6A22



009FB8

Square

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



CE6A22



009A44



009AE4



C45DC3

Rectangle

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



CE6A22



818D00



009AE4



4E80F2

Sweetspot

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



CE6A22



FFDABF



CE2286



806959



000000



808080

Same Dimension

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



CE6A22



FF6B00



CEC022



66605C



A64500



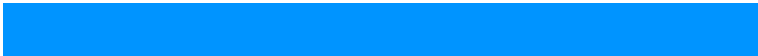
261000

Inverse Universe

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



2286CE



0094FF



2230CE



5C6266



0060A6



001626

Previews

White Background



This preview shows how the Hex color CE6A22 looks on a white background.

Color Contrast Check

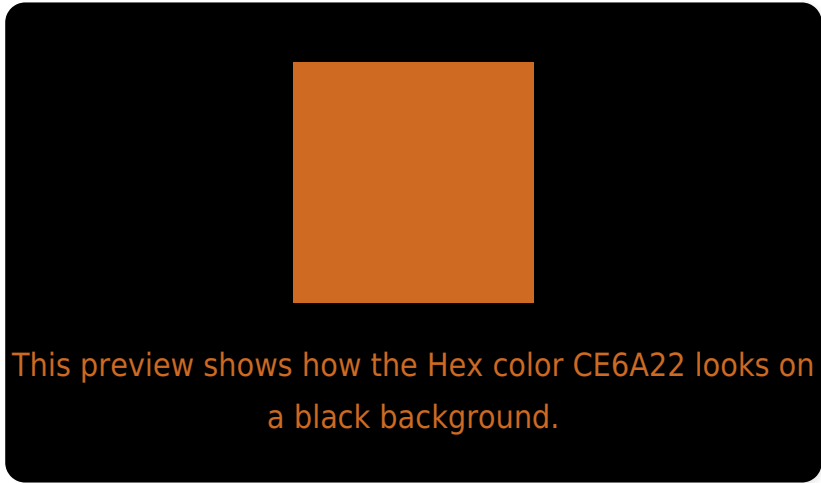
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE6A22 Background



This preview shows how black text looks on a background with the Hex color CE6A22.



This preview shows how white text looks on a background with the Hex color CE6A22.

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
CE6A22

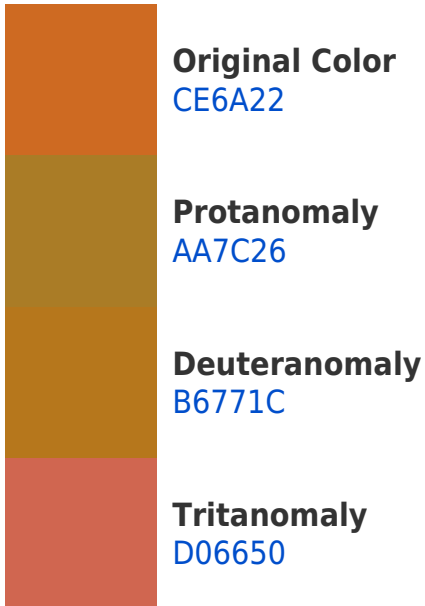
Protanopia
968629

Deuteranopia
A97F18



Tritanopia
D1636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE6A22 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 #CE6A22 looks like.

```
.text, #text, p{  
    color:#CE6A22  
}
```

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 #CE6A22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE6A22 }  
}
```

Border

The CSS property to change the border of an element to Hex CE6A22 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 #CE6A22 }  
}
```

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

```
.border{ border-color:#CE6A22 }
```

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

Here you see how a box with a 4 pixel #CE6A22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE6A22; -webkit-box-shadow:4px 4px  
4px 4px #CE6A22; box-shadow:4px 4px 4px  
4px #CE6A22 }
```

Background

The CSS property to change the background color of an element to Hex CE6A22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE6A22 }
```

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

```
.background{ background-color:#CE6A22 }
```

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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