

Converting Colors

Hex(CE5000)

Have a look what the booklet for
Hex(CE5000) contains.

Hex(CE5000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CE5000)

Conversions

Conversions Part 1

Format	Color
Hex	CE5000
RGB	206, 80, 0
RGB Percent	81%, 31%, 0%
CMY	0.1922, 0.6863, 1.0000
CMYK	0.00, 0.61, 1.00, 0.19
HSL	23°, 100%, 40%
HSV	23°, 100%, 81%
XYZ	28.3223, 18.8591, 2.1474
YIQ	108.5540, 100.7760, 1.8320

Conversions

Conversions Part 2

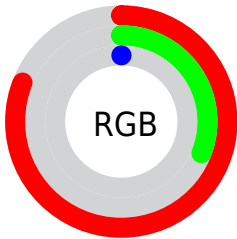
Format	Color
R_{YB}	206, 131, 0
Decimal	13520896
CIE _{Lab}	50.52, 47.23, 60.66
CIE _{LCh}	51, 76.877, 52.093
Yxy	18.8591, 0.5742, 0.3823
Android (android.graphics.Color)	4291710976 (0xFFCE5000)
YUV	108.5540, -53.5171, 85.4601
Hunter-Lab	43.4271, 40.4166, 27.4671

Details

The Hex color **CE5000** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **007ECE**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF853D**, and **8F1800** is the 20% darker color. If you saturate the color by 10%, you get **CE5000**, and if you desaturate by 10%, it is **CE5D15**.

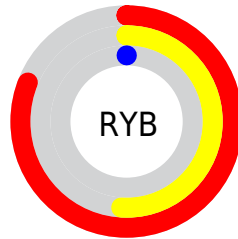
Distribution



Red (81%)

Green (31%)

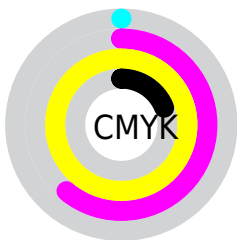
Blue (0%)



Red (81%)

Yellow (51%)

Blue (0%)

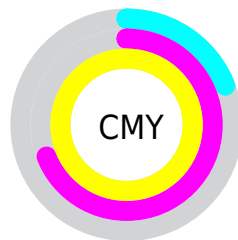


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE5000 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 CE5000 by changing the saturation by 10% instead.

 CE5000

 CE5000

FFFFFFC

 AE3500

 FF853D

 8F1800

 FFA157

 700000

 FFBD71

 530000

 FFD98C

 380002

 FFF6A7

 100000

 FFFFC3

 000000

 FFFFDF

 CE5000

 CE5D15

 CE6929

 CE763E

 CE8252

 CE8F67

 CE9C7C

 CEA890

 CEB5A5

 CEC1B9

Harmonies

Analogous

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



E7264C



CE5000



A06F00

Triad

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



CE5000



009364



3E6FF3

Complementary

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



CE5000



007ECE

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.



0086FC



CE5000



0094A8

Square

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



CE5000



008E1A



0091E0



B44ACA

Rectangle

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



CE5000



7A7E00



0091E0



0078FA

Sweetspot

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



CE5000



FFD0B3



CE007F



806352



000000



808080

Same Dimension

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



CE5000



FF6300



CEB600



66605C



A64000



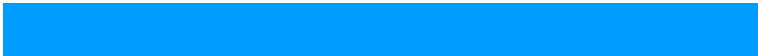
260F00

Inverse Universe

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



007ECE



009CFF



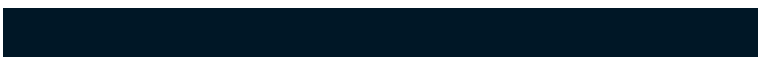
0018CE



5C6266



0065A6



001726

Previews

White Background



This preview shows how the Hex color CE5000 looks on a white background.

Color Contrast Check

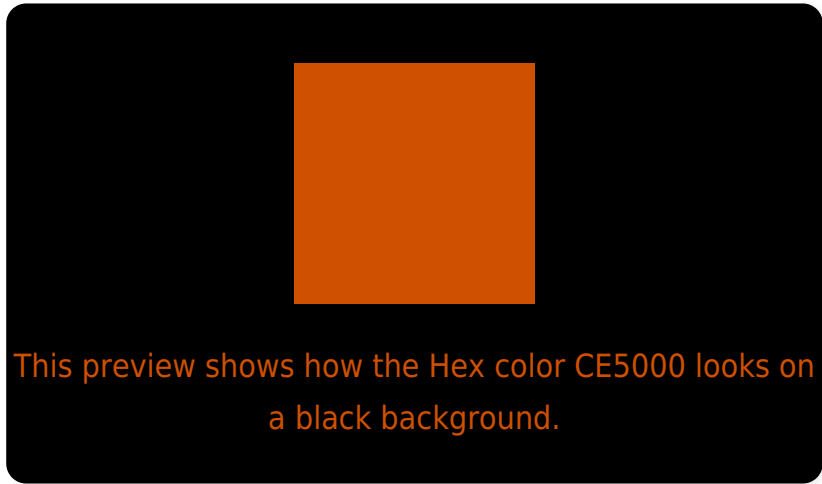
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE5000 Background



This preview shows how black text looks on a background with the Hex color CE5000.

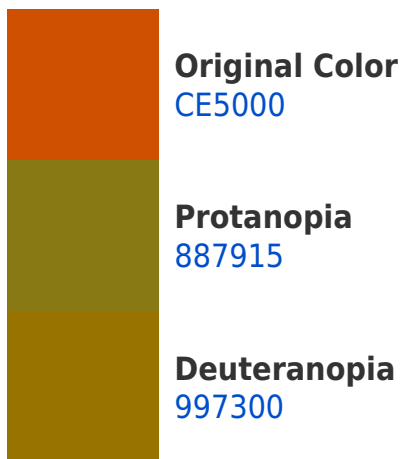


This preview shows how white text looks on a background with the Hex color CE5000.

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](#).

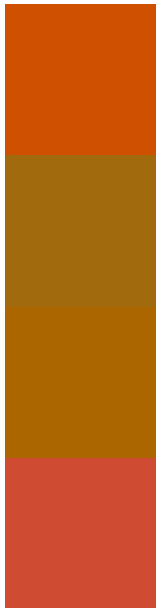
Dichromacy





Tritanopia
D04A4F

Trichromacy



Original Color
CE5000

Protanomaly
A16A0D

Deuteranomaly
AC6600

Tritanomaly
CF4C32

Monochromacy



Original Color
CE5000

Achromatopsia
6D6D6D

Achromatomaly
906245

CSS Examples

Text

The CSS property to change the color of the text to Hex CE5000 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 #CE5000 looks like.

```
.text, #text, p{  
    color:#CE5000  
}
```

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 #CE5000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5000
}
```

Border

The CSS property to change the border of an element to Hex CE5000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

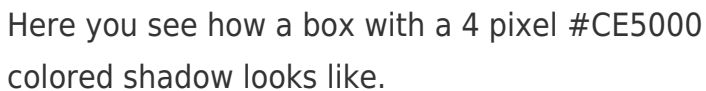
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE5000 }
```

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

```
.border{ border-color:#CE5000 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a thicker orange shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CE5000 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5000; -webkit-box-shadow:4px 4px  
4px 4px #CE5000; box-shadow:4px 4px 4px  
4px #CE5000 }
```

Background

The CSS property to change the background color of an element to Hex CE5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5000 }
```

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

```
.background{ background-color:#CE5000 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor