

# Converting Colors

Hex(CE3721)

Have a look what the booklet for  
Hex(CE3721) contains.

<b>Hex(CE3721)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(CE3721)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE3721
RGB	206, 55, 33
RGB Percent	81%, 22%, 13%
CMY	0.1922, 0.7843, 0.8706
CMYK	0.00, 0.73, 0.84, 0.19
HSL	8°, 72%, 47%
HSV	8°, 84%, 81%
XYZ	27.0943, 15.9640, 3.0922
YIQ	97.6410, 97.0580, 25.1700

# Conversions

## Conversions Part 2

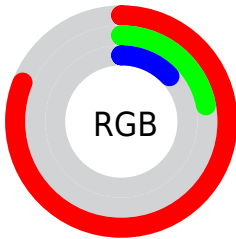
Format	Color
<a href="#">RYB</a>	206, 58, 33
Decimal	13514529
CIELab	46.93, 57.83, 47.48
CIElCh	47, 74.820, 39.386
Yxy	15.9640, 0.5871, 0.3459
Android (android.graphics.Color)	4291704609 (0xFFCE3721)
YUV	97.6410, -31.8680, 95.0308
Hunter-Lab	39.9550, 51.1234, 23.3799

# Details

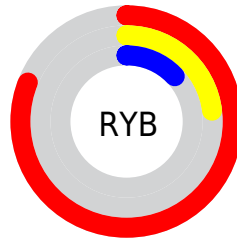
The Hex color **CE3721** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **21B8CE**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF7050**, and **8F0000** is the 20% darker color. If you saturate the color by 10%, you get **CE250C**, and if you desaturate by 10%, it is **CE4936**.

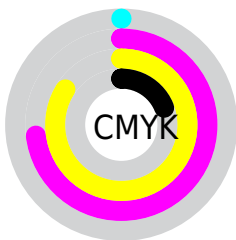
# Distribution



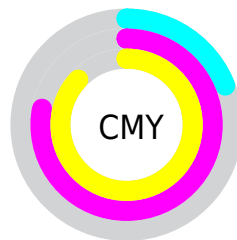
- Red (81%)
- Green (22%)
- Blue (13%)



- Red (81%)
- Yellow (23%)
- Blue (13%)



- Cyan (0%)
- Magenta (73%)
- Yellow (84%)
- Black (19%)



- Cyan (19%)
- Magenta (78%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE3721 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 CE3721 by changing the saturation by 10% instead.



 CE3721

 CE3721

FFFFFF

 AE1309

 FF7050

 8F0000

 FF8C69

 700000

 FFA883

 510000

 FFC59D

 350002

 FFE2B9

 040000

 FFFFD5

 000000

 FFFFF1

 CE3721

 CE3721

 CE250C

 CE4936

 CE1A00

 CE5B4A

 CE6D5F

 CE7F73

 CE9188

 CEA39D

 CEB5B1

 CEC7C6

 CED9DA

# Harmonies

## Analogous

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



DB065F



CE3721



AA5B00

# Triad

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



CE3721



008740



0071ED

# Complementary

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



CE3721



21B8CE

# 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.



0082E6



CE3721



008A82

# Square

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



CE3721



298000



0089BE



8653D2

# Rectangle

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



CE3721



896C00



0089BE



0078EF



# Sweetspot

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



CE3721



FFC7BF



CE21BA



805E59



000000



808080



# Same Dimension

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



CE3721



FF2000



CE8C21



665D5C



A61500



260500



# Inverse Universe

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



21B8CE



00DFFF



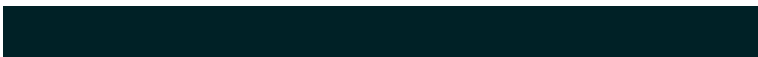
2163CE



5C6566



0091A6



002126



# Previews

## White Background



This preview shows how the Hex color CE3721 looks on a white background.

## Color Contrast Check

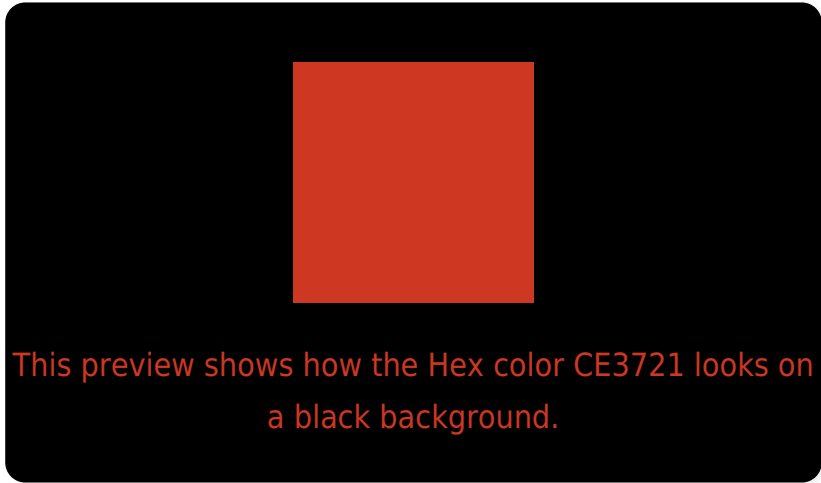
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex CE3721 Background



This preview shows how black text looks on a background with the Hex color CE3721.



This preview shows how white text looks on a background with the Hex color CE3721.

# 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



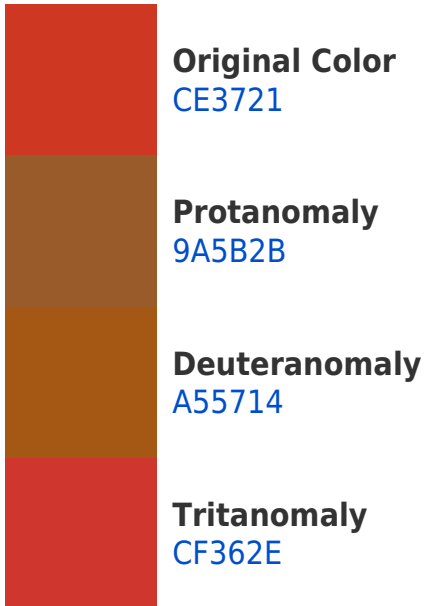
**Original Color**  
CE3721

**Protanopia**  
7D7030

**Deuteranopia**  
8E6A0C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE3721 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 #CE3721 looks like.

```
.text, #text, p{  
    color:#CE3721  
}
```

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 #CE3721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3721
}
```

## Border

The CSS property to change the border of an element to Hex CE3721 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
#CE3721 }
```

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

```
.border{ border-color:#CE3721 }
```

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

Here you see how a box with a 4 pixel #CE3721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3721; -webkit-box-shadow:4px 4px  
4px 4px #CE3721; box-shadow:4px 4px 4px  
4px #CE3721 }
```

# Background

The CSS property to change the background color of an element to Hex CE3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3721 }
```

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

```
.background{ background-color:#CE3721 }
```

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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