

# Converting Colors

Hex(C85704)

Have a look what the booklet for  
Hex(C85704) contains.

<b>Hex(C85704)</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(C85704)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C85704
RGB	200, 87, 4
RGB Percent	78%, 34%, 2%
CMY	0.2157, 0.6588, 0.9843
CMYK	0.00, 0.56, 0.98, 0.22
HSL	25°, 96%, 40%
HSV	25°, 98%, 78%
XYZ	27.2495, 19.1045, 2.3662
YIQ	111.3250, 93.9910, -1.8570

# Conversions

## Conversions Part 2

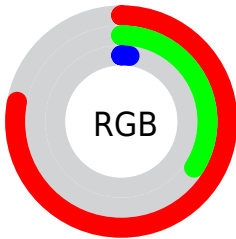
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 148, 4</a>
Decimal	<a href="#">13129476</a>
CIELab	<a href="#">50.81, 41.72, 59.38</a>
CIELCh	<a href="#">51, 72.569, 54.905</a>
Yxy	<a href="#">19.1045, 0.5593, 0.3921</a>
Android (android.graphics.Color)	<a href="#">4291319556</a> ( <a href="#">0xFFC85704</a> )
YUV	<a href="#">111.3250, -52.9112, 77.7680</a>
Hunter-Lab	<a href="#">43.7087, 34.7928, 27.3864</a>

# Details

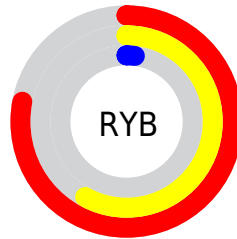
The Hex color **C85704** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0475C8**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8C40**, and **8A2300** is the 20% darker color. If you saturate the color by 10%, you get **C85500**, and if you desaturate by 10%, it is **C86318**.

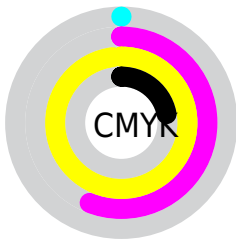
# Distribution



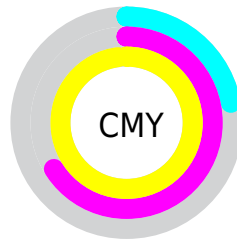
- Red (78%)
- Green (34%)
- Blue (2%)



- Red (78%)
- Yellow (58%)
- Blue (2%)



- Cyan (0%)
- Magenta (56%)
- Yellow (98%)
- Black (22%)



- Cyan (22%)
- Magenta (66%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C85704 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 C85704 by changing the saturation by 10% instead.



 C85704

 C85704

FFFFFF

 A93D00

 FF8C40

 8A2300

 FFA75A

 6C0200

 FFC374

 4E0000

 FFDF8E

 350001

 FFFCAA

 050000

 FFFFC6

 000000

 FFFFEE

 C85704

 C85704

 C85500

 C86318

 C86E2C

 C87A40

 C88554

 C89168

 C89C7C

 C8A890

 C8B3A4

 C8BFB8

# Harmonies

## Analogous

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



E13549



C85704



9B7300

# Triad

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



C85704



00936C



596DEB

# Complementary

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



C85704



0475C8

# 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.



0084F6



C85704



0094AC

# Square

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



C85704



008F2A



0090DE



B84CC1

# Rectangle

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



C85704



768000



0090DE



0076F2



# Sweetspot

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



C85704



FFD4B5



C80476



806653



000000



808080



# Same Dimension

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



C85704



FF6C00



C8B804



635E5A



A34500



240F00

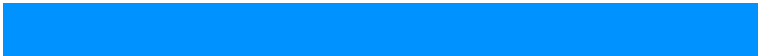


# Inverse Universe

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



0475C8



0093FF



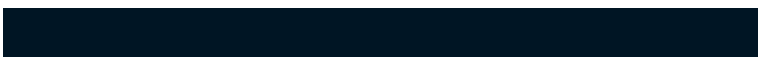
0414C8



5A5F63



005EA3



001524



# Previews

## White Background



This preview shows how the Hex color C85704 looks on a white background.

## Color Contrast Check

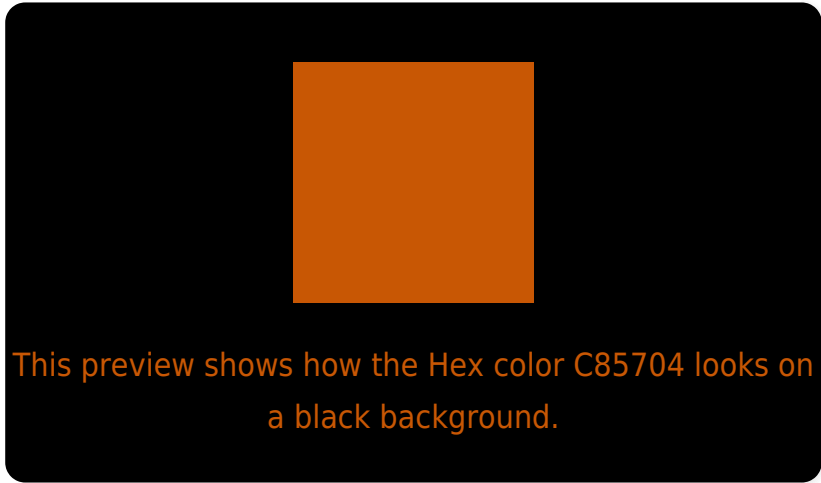
Large Text (above 18pt) WCAG AA ✓ Pass

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 C85704 Background



This preview shows how black text looks on a background with the Hex color C85704.



This preview shows how white text looks on a background with the Hex color C85704.

# 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



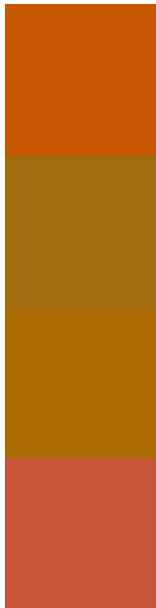
**Original Color**  
C85704

**Protanopia**  
897A13

**Deuteranopia**  
9A7300



# Trichromacy



**Original Color**  
C85704

**Protanomaly**  
A06D0E

**Deuteranomaly**  
AB6901

**Tritanomaly**  
C95338

# Monochromacy



**Original Color**  
C85704

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
8F6648

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C85704 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 #C85704 looks like.

```
.text, #text, p{  
    color:#C85704  
}
```

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 #C85704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C85704
}
```

## Border

The CSS property to change the border of an element to Hex C85704 is called "border". The border property can be set on classes, ids or directly on the HTML element.

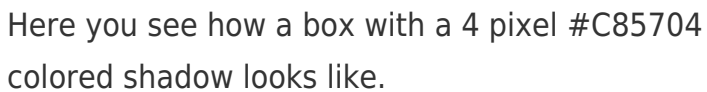
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C85704 }
```

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

```
.border{ border-color:#C85704 }
```

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. The shadow is a thick orange line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel `#C85704` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C85704; -webkit-box-shadow:4px 4px  
4px 4px #C85704; box-shadow:4px 4px 4px  
4px #C85704 }
```

# Background

The CSS property to change the background color of an element to Hex C85704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C85704 }
```

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

```
.background{ background-color:#C85704 }
```

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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