

Converting Colors

Hex(CC6735)

Have a look what the booklet for
Hex(CC6735) contains.

Hex(CC6735)	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(CC6735)

Conversions

Conversions Part 1

Format	Color
Hex	CC6735
RGB	204, 103, 53
RGB Percent	80%, 40%, 21%
CMY	0.2000, 0.5961, 0.7922
CMYK	0.00, 0.50, 0.74, 0.20
HSL	20°, 60%, 50%
HSV	20°, 74%, 80%
XYZ	30.3947, 22.7949, 6.1660
YIQ	127.4990, 76.2460, 5.8620

Conversions

Conversions Part 2

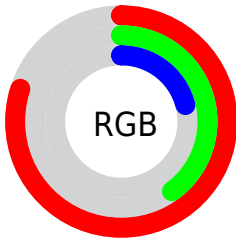
Format	Color
R_{YB}	204, 128, 53
Decimal	13395765
CIE _{Lab}	54.86, 36.49, 45.37
CIE _{LCh}	55, 58.221, 51.194
Yxy	22.7949, 0.5121, 0.3840
Android (android.graphics.Color)	4291585845 (0xFFCC6735)
YUV	127.4990, -36.7280, 67.0914
Hunter-Lab	47.7440, 30.0843, 25.7636

Details

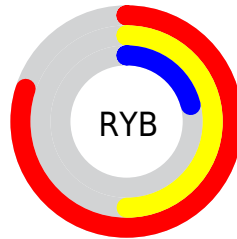
The Hex color **CC6735** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **359ACC**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9C66**, and **903503** is the 20% darker color. If you saturate the color by 10%, you get **CC5921**, and if you desaturate by 10%, it is **CC7549**.

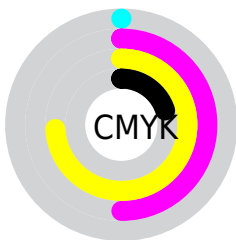
Distribution



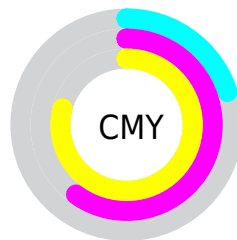
- Red (80%)
- Green (40%)
- Blue (21%)



- Red (80%)
- Yellow (50%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC6735 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 CC6735 by changing the saturation by 10% instead.

 CC6735

 CC6735

FFFFFF

 AE4E1D

 FF9C66

 903503

 FF7800

 721B00

 FFD39A

 550000

 FFF0B6

 390000

 FFFF20

 1C0001

 FFFFEE

 000000

 CC6735

 CC6735

 CC5921

 CC7549

 CC4C0C

 CC825E

 CC4400

 CC9072

 CC9E87

 CCAB9B

 CCB9AF

 CCC7C4

 CCD4D8

 CCE2ED

Harmonies

Analogous

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



DD5562



CC6735



A97C11

Triad

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



CC6735



009A72



667CE2

Complementary

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



CC6735



359ACC

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.



008DE7



CC6735



009BA6

Square

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



CC6735



399540



0097D1



B166C3

Rectangle

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



CC6735



8B870D



0097D1



3983E7

Sweetspot

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



CC6735



FFD9C7



CC359C



80695E



000000



808080

Same Dimension

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



CC6735



FF671C



CCB035



665F5C



A63700



260D00

Inverse Universe

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



359ACC



1CB4FF



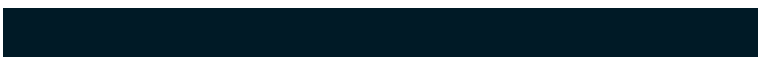
3551CC



5C6366



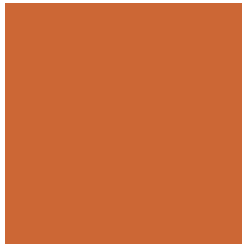
006FA6



001A26

Previews

White Background



This preview shows how the Hex color CC6735 looks on a white background.

Color Contrast Check

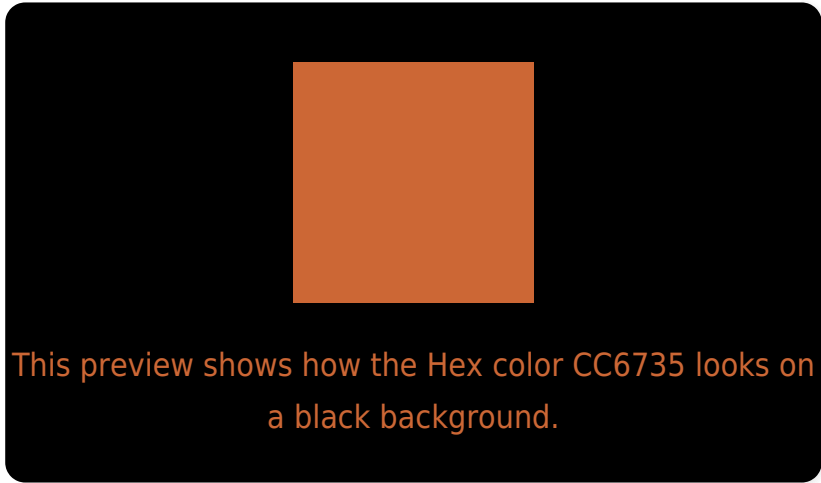
Large Text (above 18pt) WCAG AA ✓ Pass

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

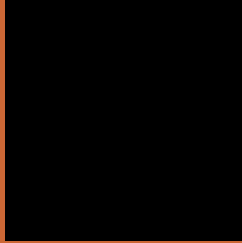
Any Text WCAG AA ✓ Pass

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 CC6735 Background



This preview shows how black text looks on a background with the Hex color CC6735.



This preview shows how white text looks on a background with the Hex color CC6735.

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
CC6735

Protanopia
92843E

Deuteranopia
A57D2F



Tritanopia
CF6168

Trichromacy



Original Color
CC6735

Protanomaly
A7793B

Deuteranomaly
B37531

Tritanomaly
CE6355

Monochromacy



Original Color
CC6735

Achromatopsia
7F7F7F

Achromatomaly
9B7664

CSS Examples

Text

The CSS property to change the color of the text to Hex CC6735 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 #CC6735 looks like.

```
.text, #text, p{  
    color:#CC6735  
}
```

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 #CC6735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC6735
}
```

Border

The CSS property to change the border of an element to Hex CC6735 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
#CC6735 }
```

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

```
.border{ border-color:#CC6735 }
```

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

Here you see how a box with a 4 pixel #CC6735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC6735; -webkit-box-shadow:4px 4px  
4px 4px #CC6735; box-shadow:4px 4px 4px  
4px #CC6735 }
```

Background

The CSS property to change the background color of an element to Hex CC6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC6735 }
```

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

```
.background{ background-color:#CC6735 }
```

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