

Converting Colors

Hex(C3734D)

Have a look what the booklet for
Hex(C3734D) contains.

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Color

Hex(C3734D)

Conversions

Conversions Part 1

Format	Color
Hex	C3734D
RGB	195, 115, 77
RGB Percent	76%, 45%, 30%
CMY	0.2353, 0.5490, 0.6980
CMYK	0.00, 0.41, 0.61, 0.24
HSL	19°, 50%, 53%
HSV	19°, 61%, 76%
XYZ	29.9760, 24.3994, 10.1508
YIQ	134.5880, 59.8780, 5.1420

Conversions

Conversions Part 2

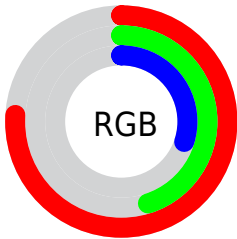
Format	Color
RYB	195, 133, 77
Decimal	12809037
CIELab	56.49, 27.90, 34.29
CIELCh	56, 44.208, 50.861
Yxy	24.3994, 0.4646, 0.3781
Android (android.graphics.Color)	4290999117 (0xFFC3734D)
YUV	134.5880, -28.3909, 52.9813
Hunter-Lab	49.3957, 21.8808, 22.3929

Details

The Hex color **C3734D** 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 **4D9DC3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA87F**, and **89421F** is the 20% darker color. If you saturate the color by 10%, you get **C3663A**, and if you desaturate by 10%, it is **C38061**.

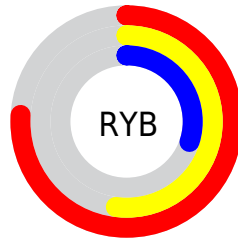
Distribution



Red (76%)

Green (45%)

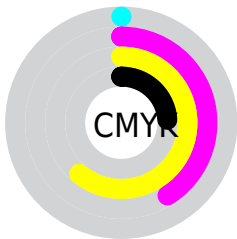
Blue (30%)



Red (76%)

Yellow (52%)

Blue (30%)

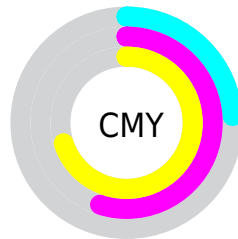


Cyan (0%)

Magenta (41%)

Yellow (61%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3734D 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 C3734D by changing the saturation by 10% instead.

 C3734D

 C3734D

FFFFFF

 A65A35


 FFA87F

 89421F

 FFC399

 6D2A08

 FFDFB4

 511300

 FFFC00

 360000

 FFFFEC

 1A0001

 000000

 C3734D

 C3734D

 C3663A

 C38061

 C35926

 C38D74

 C34B12

 C39B87

 C33F00

 C3A89B

 C3B5AF

 C3C2C2

 C3D0D6

 C3DDE9

 C3EAFD

Harmonies

Analogous

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



CF686E



C3734D



A88139

Triad

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



C3734D



009A7A



7782CF

Complementary

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



C3734D



4D9DC3

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.



058FD3



C3734D



009BA2

Square

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



C3734D



569655



0097C2



AB73B8

Rectangle

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



C3734D



918A38



0097C2



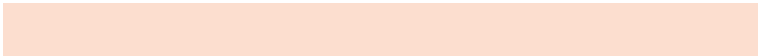
5F87D3

Sweetspot

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



C3734D



FCDECF



C34D9E



806C63



000000



808080

Same Dimension

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



C3734D



FC8044



C3AD4D



615A57



A13400



210B00

Inverse Universe

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



4D9DC3



44C1FC



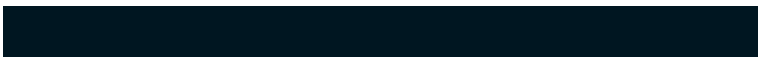
4D63C3



575E61



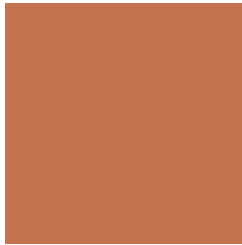
006DA1



001621

Previews

White Background



This preview shows how the Hex color C3734D looks on a white background.

Color Contrast Check

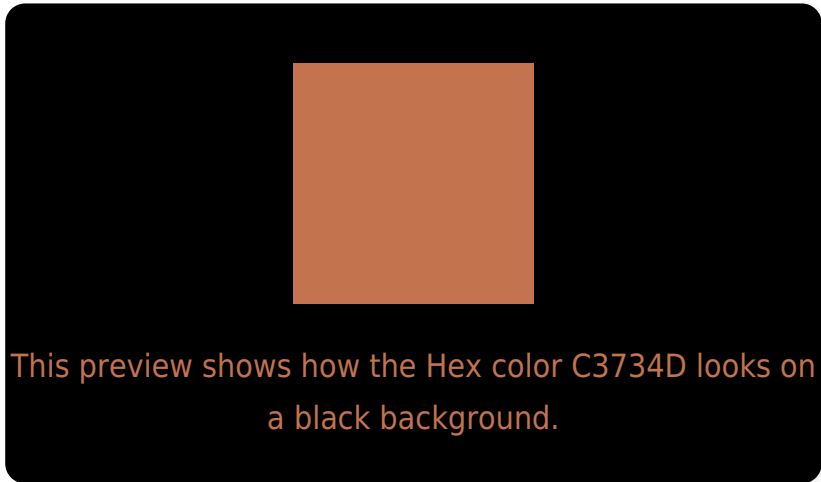
Large Text (above 18pt) WCAG AA ✓ Pass

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

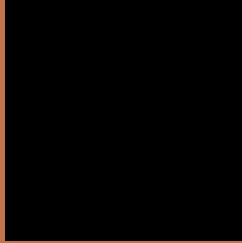
Any Text WCAG AA ✓ Pass

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 C3734D Background



This preview shows how black text looks on a background with the Hex color C3734D.



This preview shows how white text looks on a background with the Hex color C3734D.

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
C3734D

Protanopia
948855

Deuteranopia
A6824A



Tritanopia
C66E76

Trichromacy



Original Color
C3734D

Protanomaly
A58052

Deuteranomaly
B17D4B

Tritanomaly
C57067

Monochromacy



Original Color
C3734D

Achromatopsia
878787

Achromatomaly
9D8072

CSS Examples

Text

The CSS property to change the color of the text to Hex C3734D 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 #C3734D looks like.

```
.text, #text, p{  
    color:#C3734D  
}
```

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 #C3734D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3734D
}
```

Border

The CSS property to change the border of an element to Hex C3734D 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
#C3734D }
```

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

```
.border{ border-color:#C3734D }
```

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

Here you see how a box with a 4 pixel #C3734D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3734D; -webkit-box-shadow:4px 4px  
4px 4px #C3734D; box-shadow:4px 4px 4px  
4px #C3734D }
```

Background

The CSS property to change the background color of an element to Hex C3734D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3734D }
```

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

```
.background{ background-color:#C3734D }
```

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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