

Converting Colors

Hex(C37048)

Have a look what the booklet for
Hex(C37048) contains.

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Color

Hex(C37048)

Conversions

Conversions Part 1

Format	Color
Hex	C37048
RGB	195, 112, 72
RGB Percent	76%, 44%, 28%
CMY	0.2353, 0.5608, 0.7176
CMYK	0.00, 0.43, 0.63, 0.24
HSL	20°, 51%, 52%
HSV	20°, 63%, 76%
XYZ	29.4695, 23.6583, 9.1442
YIQ	132.2570, 62.3080, 5.1560

Conversions

Conversions Part 2

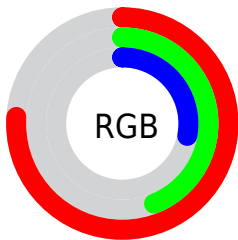
Format	Color
RYB	195, 131, 72
Decimal	12808264
CIELab	55.74, 29.17, 36.11
CIELCh	56, 46.424, 51.068
Yxy	23.6583, 0.4732, 0.3799
Android (android.graphics.Color)	4290998344 (0xFFC37048)
YUV	132.2570, -29.7067, 55.0256
Hunter-Lab	48.6398, 23.0286, 22.9015

Details

The Hex color **C37048** 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 **489BC3**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA57A**, and **893F1A** is the 20% darker color. If you saturate the color by 10%, you get **C36335**, and if you desaturate by 10%, it is **C37D5B**.

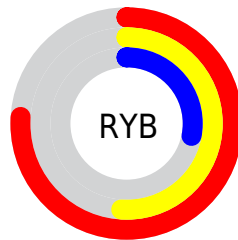
Distribution



Red (76%)

Green (44%)

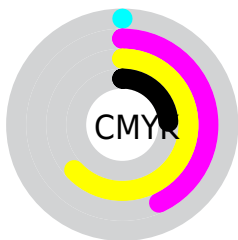
Blue (28%)



Red (76%)

Yellow (51%)

Blue (28%)

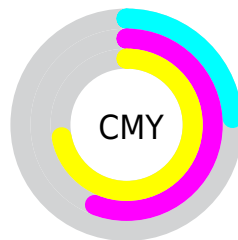


Cyan (0%)

Magenta (43%)

Yellow (63%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C37048 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 C37048 by changing the saturation by 10% instead.

 C37048

 C37048

FFFFFF

 A65731

 FFA57A

 893F1A

 FFC094

 6C2702

 FFDCAF

 500F00

 FFF9CA

 350000

 FFFFFE6

 170000

 000000

 C37048

 C37048

 C36335

 C37D5B

 C35621

 C38A6F

 C3490E

 C39783

 C33F00

 C3A596

 C3B2AA

 C3BFBD

 C3CCD0

 C3D9E4

 C3E6F7

Harmonies

Analogous

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



D0646B



C37048



A77F33

Triad

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



C37048



009978



7480D1

Complementary

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



C37048



489BC3

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.



008DD5



C37048



009AA1

Square

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



C37048



509551



0096C3



AB70B9

Rectangle

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



C37048



8E8832



0096C3



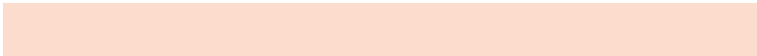
5985D5

Sweetspot

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



C37048



FCDCCC



C3489C



806C62



000000



808080

Same Dimension

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



C37048



FC7B3D



C3AC48



615A57



A13400



210B00

Inverse Universe

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



489BC3



3DBEFC



485FC3



575E61



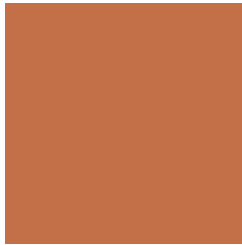
006CA1



001621

Previews

White Background



This preview shows how the Hex color C37048 looks on a white background.

Color Contrast Check

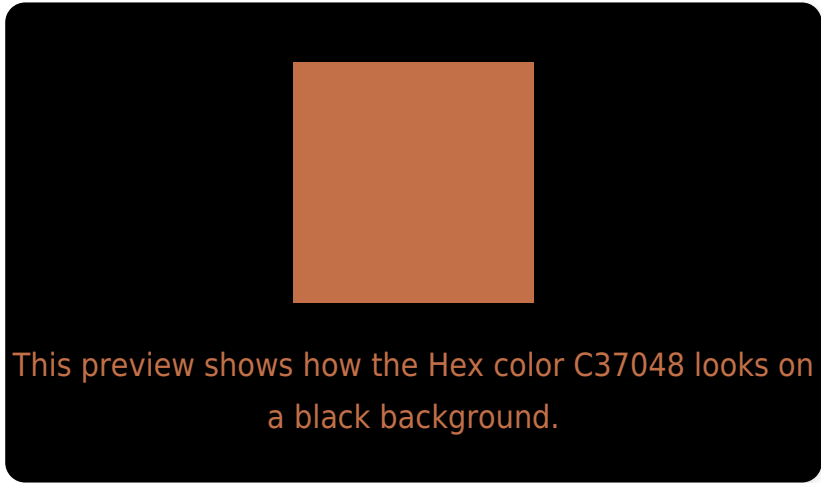
Large Text (above 18pt) WCAG AA ✓ Pass

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

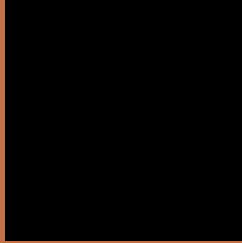
Any Text WCAG AA ✓ Pass

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 C37048 Background



This preview shows how black text looks on a background with the Hex color C37048.



This preview shows how white text looks on a background with the Hex color C37048.

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
C37048

Protanopia
938650

Deuteranopia
A58045



Tritanopia
C66B72

Trichromacy



Original Color
C37048

Protanomaly
A47E4D

Deuteranomaly
B07A46

Tritanomaly
C56D63

Monochromacy



Original Color
C37048

Achromatopsia
848484

Achromatomaly
9B7D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex C37048 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 #C37048 looks like.

```
.text, #text, p{  
    color:#C37048  
}
```

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 #C37048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37048  
}
```

Border

The CSS property to change the border of an element to Hex C37048 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  
#C37048 }
```

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

```
.border{ border-color:#C37048 }
```

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

Here you see how a box with a 4 pixel #C37048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37048; -webkit-box-shadow:4px 4px  
4px 4px #C37048; box-shadow:4px 4px 4px  
4px #C37048 }
```

Background

The CSS property to change the background color of an element to Hex C37048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37048 }
```

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

```
.background{ background-color:#C37048 }
```

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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