

Converting Colors

Hex(C37941)

Have a look what the booklet for
Hex(C37941) contains.

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Color

Hex(C37941)

Conversions

Conversions Part 1

Format	Color
Hex	C37941
RGB	195, 121, 65
RGB Percent	76%, 47%, 25%
CMY	0.2353, 0.5255, 0.7451
CMYK	0.00, 0.38, 0.67, 0.24
HSL	26°, 52%, 51%
HSV	26°, 67%, 76%
XYZ	30.2972, 25.6585, 8.3568
YIQ	136.7420, 62.0800, -1.7280

Conversions

Conversions Part 2

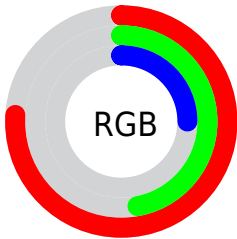
Format	Color
R_{YB}	195, 163, 65
Decimal	12810561
CIE _{Lab}	57.71, 23.83, 42.09
CIE _{LCh}	58, 48.372, 60.484
Yxy	25.6585, 0.4711, 0.3990
Android (android.graphics.Color)	4291000641 (0xFFC37941)
YUV	136.7420, -35.3688, 51.0923
Hunter-Lab	50.6542, 18.1191, 25.6765

Details

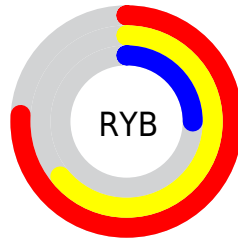
The Hex color **C37941** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **418BC3**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFAE73**, and **894810** is the 20% darker color. If you saturate the color by 10%, you get **C36E2E**, and if you desaturate by 10%, it is **C38455**.

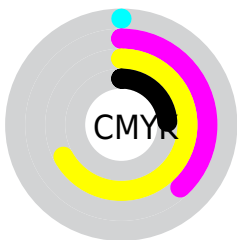
Distribution



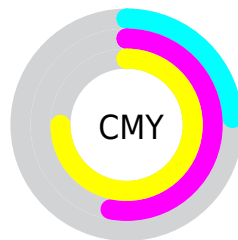
- Red (76%)
- Green (47%)
- Blue (25%)



- Red (76%)
- Yellow (64%)
- Blue (25%)



- Cyan (0%)
- Magenta (38%)
- Yellow (67%)
- Black (24%)



- Cyan (24%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C37941 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 C37941 by changing the saturation by 10% instead.

 C37941

 C37941

FFFFFF

 A66029


 FFAE73

 894810

 FFC98D

 6C3000

 FFE5A8

 511A00

 FFFFFC3

 350400

 FFFFFE0

 1B0001

 FFFFFFFC

 000000

 C37941

 C37941

 C36E2E

 C38455

 C3631A

 C38F68

 C35807

 C39A7C

 C35400

 C3A58F

 C3B1A3

 C3BCB6

 C3C7CA

 C3D2DD

 C3DDF1

Harmonies

Analogous

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



D76A62



C37941



A28932

Triad

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



C37941



009F8A



8D7FD4

Complementary

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



C37941



418BC3

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.



328FDF



C37941



009FB4

Square

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



C37941



3D9C5F



009AD4



BF6FB5

Rectangle

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



C37941



869137



009AD4



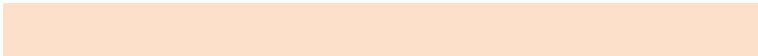
7685DA

Sweetspot

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



C37941



FCE0CA



C3418D



806E61



000000



808080

Same Dimension

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



C37941



FC8932



C3B841



615B57



A14500



210E00

Inverse Universe

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



418BC3



32A5FC



414CC3



575D61



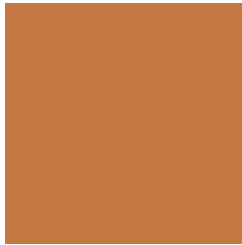
005BA1



001321

Previews

White Background



This preview shows how the Hex color C37941 looks on a white background.

Color Contrast Check

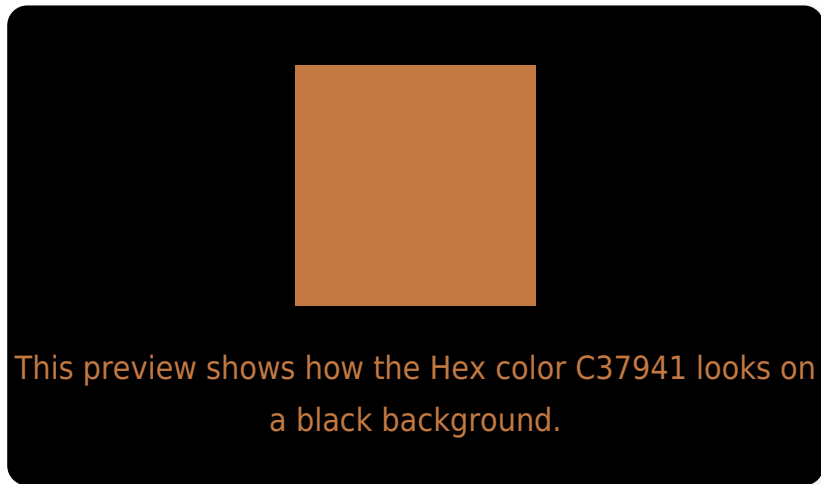
Large Text (above 18pt) WCAG AA ✓ Pass

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

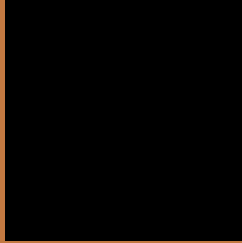
Any Text WCAG AA ✓ Pass

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 C37941 Background



This preview shows how black text looks on a background with the Hex color C37941.



This preview shows how white text looks on a background with the Hex color C37941.

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
C37941

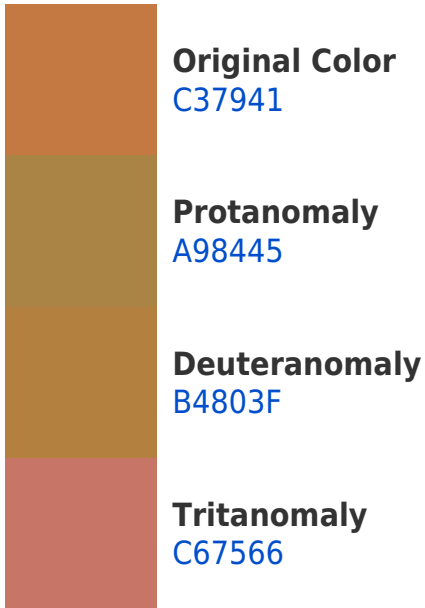
Protanopia
9A8B47

Deuteranopia
AC843E

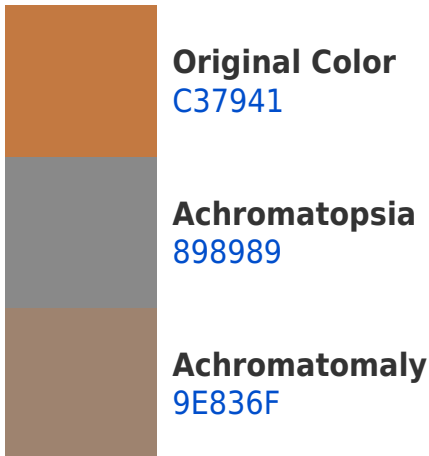


Tritanopia
C7727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C37941 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 #C37941 looks like.

```
.text, #text, p{  
    color:#C37941  
}
```

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 #C37941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37941
}
```

Border

The CSS property to change the border of an element to Hex C37941 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
#C37941 }
```

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

```
.border{ border-color:#C37941 }
```

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

Here you see how a box with a 4 pixel #C37941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37941; -webkit-box-shadow:4px 4px  
4px 4px #C37941; box-shadow:4px 4px 4px  
4px #C37941 }
```

Background

The CSS property to change the background color of an element to Hex C37941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37941 }
```

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

```
.background{ background-color:#C37941 }
```

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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