

Converting Colors

Hex(C37953)

Have a look what the booklet for
Hex(C37953) contains.

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Color

Hex(C37953)

Conversions

Conversions Part 1

Format	Color
Hex	C37953
RGB	195, 121, 83
RGB Percent	76%, 47%, 33%
CMY	0.2353, 0.5255, 0.6745
CMYK	0.00, 0.38, 0.57, 0.24
HSL	20°, 48%, 55%
HSV	20°, 57%, 76%
XYZ	30.9044, 25.9014, 11.5542
YIQ	138.7940, 56.3020, 3.8700

Conversions

Conversions Part 2

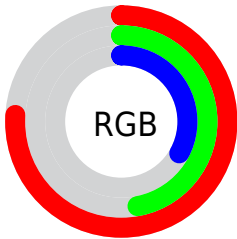
Format	Color
R_{YB}	195, 141, 83
Decimal	12810579
CIE Lab	57.94, 25.10, 32.80
CIE LCh	58, 41.302, 52.578
Yxy	25.9014, 0.4521, 0.3789
Android (android.graphics.Color)	4291000659 (0xFFC37953)
YUV	138.7940, -27.5064, 49.2927
Hunter-Lab	50.8934, 19.3285, 22.1649

Details

The Hex color **C37953** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **539DC3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAE85**, and **894825** is the 20% darker color. If you saturate the color by 10%, you get **C36C40**, and if you desaturate by 10%, it is **C38667**.

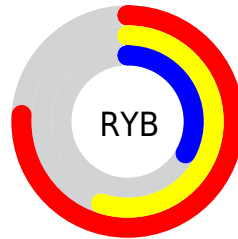
Distribution



Red (76%)

Green (47%)

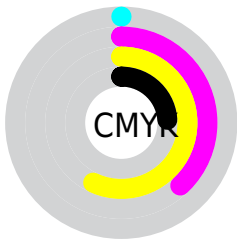
Blue (33%)



Red (76%)

Yellow (55%)

Blue (33%)

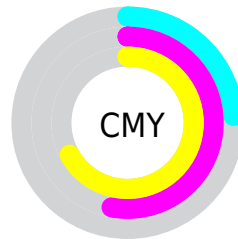


Cyan (0%)

Magenta (38%)

Yellow (57%)

Black (24%)



Cyan (24%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C37953 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 C37953 by changing the saturation by 10% instead.

 C37953

 C37953

FFFFFF

 A6603B

 FFAE85

 894825

 FFC9A0

 6D300E

 FFE6BB

 531900

 FFFFFD7

 370300

 FFFFFFF3

 1E0001

 000000

 C37953

 C37953

 C36C40

 C38667

 C35F2C

 C3937A

 C35218

 C3A08E

 C34505

 C3ADA1

 C34200

 C3B9B5

 C3C6C8

 C3D3DB

 C3E0EF

 C3EDFF

Harmonies

Analogous

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



CF6F71



C37953



A98642

Triad

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



C37953



129D81



8085CE

Complementary

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



C37953



539DC3

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.



3592D2



C37953



009EA6

Square

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



C37953



5B995E



009AC4



AF77B8

Rectangle

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



C37953



928E42



009AC4



6B8AD2

Sweetspot

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



C37953



FCE0D2



C3539E



806F66



000000



808080

Same Dimension

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



C37953



FC894E



C3B053



615A57



A13700



210B00

Inverse Universe

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



539DC3



4EC1FC



5366C3



575E61



006AA1



001621

Previews

White Background



This preview shows how the Hex color C37953 looks on a white background.

Color Contrast Check

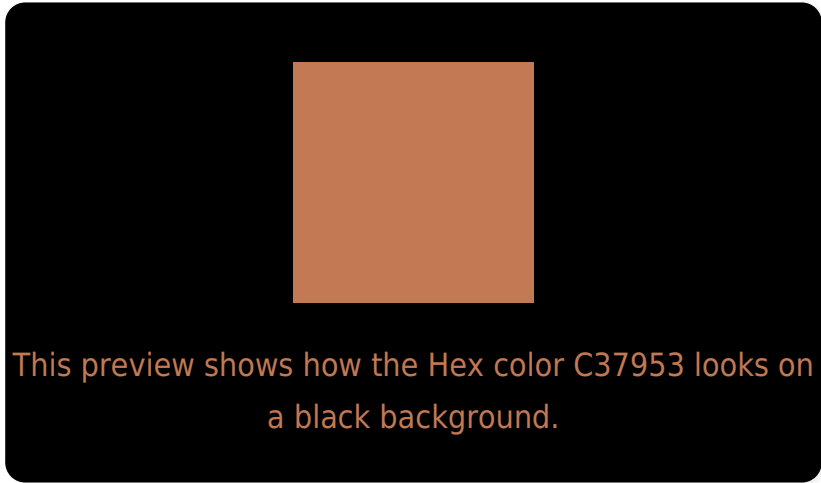
Large Text (above 18pt) WCAG AA ✓ Pass

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

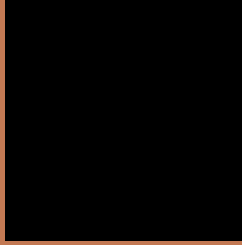
Any Text WCAG AA ✓ Pass

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 C37953 Background



This preview shows how black text looks on a background with the Hex color C37953.

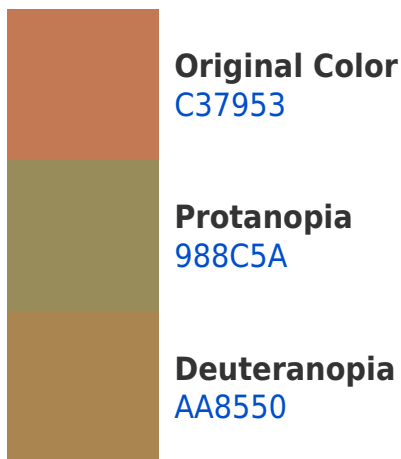



This preview shows how white text looks on a background with the Hex color C37953.

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](#).

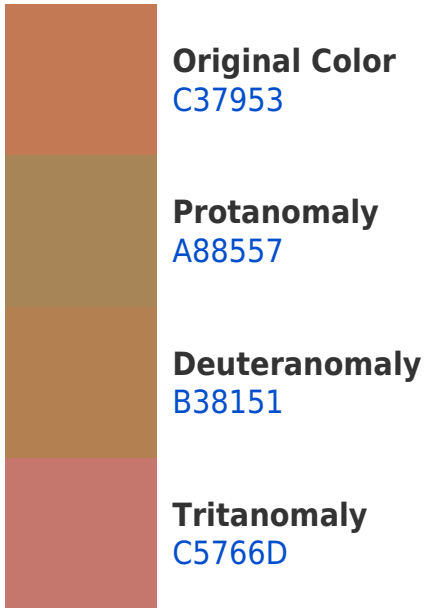
Dichromacy



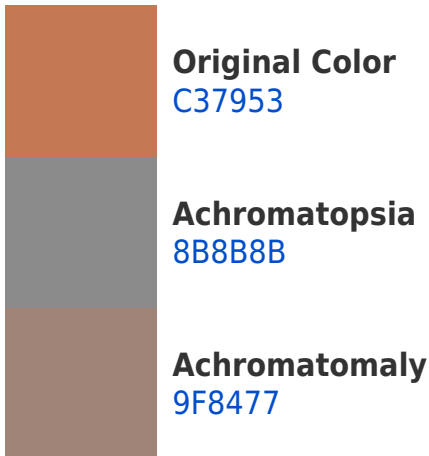


Tritanopia
C6747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C37953 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 #C37953 looks like.

```
.text, #text, p{  
    color:#C37953  
}
```

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 #C37953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37953
}
```

Border

The CSS property to change the border of an element to Hex C37953 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
#C37953 }
```

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

```
.border{ border-color:#C37953 }
```

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

Here you see how a box with a 4 pixel #C37953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37953; -webkit-box-shadow:4px 4px  
4px 4px #C37953; box-shadow:4px 4px 4px  
4px #C37953 }
```

Background

The CSS property to change the background color of an element to Hex C37953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37953 }
```

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

```
.background{ background-color:#C37953 }
```

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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