

Converting Colors

Hex(C97320)

Have a look what the booklet for
Hex(C97320) contains.

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Color

Hex(C97320)

Conversions

Conversions Part 1

Format	Color
Hex	C97320
RGB	201, 115, 32
RGB Percent	79%, 45%, 13%
CMY	0.2118, 0.5490, 0.8745
CMYK	0.00, 0.43, 0.84, 0.21
HSL	29°, 73%, 46%
HSV	29°, 84%, 79%
XYZ	30.4788, 24.7833, 4.5437
YIQ	131.2520, 77.8990, -7.5810

Conversions

Conversions Part 2

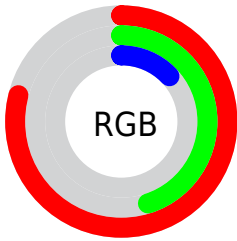
Format	Color
RYB	201, 195, 32
Decimal	13202208
CIELab	56.86, 28.17, 56.26
CIELCh	57, 62.913, 63.403
Yxy	24.7833, 0.5096, 0.4144
Android (android.graphics.Color)	4291392288 (0xFFC97320)
YUV	131.2520, -48.9312, 61.1690
Hunter-Lab	49.7828, 22.1643, 29.4365

Details

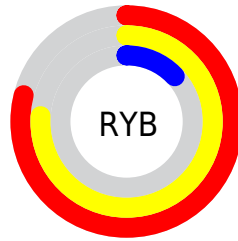
The Hex color **C97320** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **2076C9**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA855**, and **8D4200** is the 20% darker color. If you saturate the color by 10%, you get **C9690C**, and if you desaturate by 10%, it is **C97D34**.

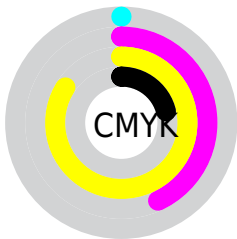
Distribution



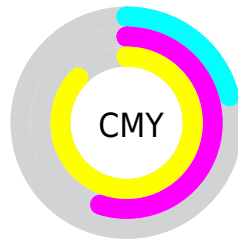
- Red (79%)
- Green (45%)
- Blue (13%)



- Red (79%)
- Yellow (76%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (84%)
- Black (21%)



- Cyan (21%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C97320 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 C97320 by changing the saturation by 10% instead.

 C97320

 C97320

FFFFFF

 AB5A00

 FFA855

 8D4200

 FFC36F

 6F2A00

 FFDF89

 531300

 FFFCA4

 370000

 FFFFC0

 1C0001

 FFFFDD

 000000

 FFFFFA

 C97320

 C97320

 C9690C

 C97D34

 C96300

 C98748

 C9925C

 C99C70

 C9A685

 C9B099

 C9BBAD

 C9C5C1

 C9CFD5

Harmonies

Analogous

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



E55C4F



C97320



9D8800

Triad

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



C97320



00A28D



9077E5

Complementary

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



C97320



2076C9

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.



008DF6



C97320



00A1C4

Square

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



C97320



009E55



009BEA



CF5EBB

Rectangle

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



C97320



7A920F



009BEA



707FEE

Sweetspot

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



C97320



FFDFBF



C92077



806C59



000000



808080

Same Dimension

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



C97320



FF7D00



C9C620



635E5A



A35000



241200

Inverse Universe

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



2076C9



0082FF



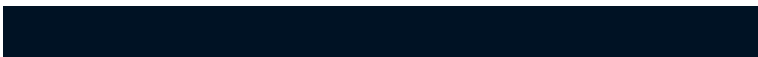
2023C9



5A5F63



0053A3



001224

Previews

White Background



This preview shows how the Hex color C97320 looks on a white background.

Color Contrast Check

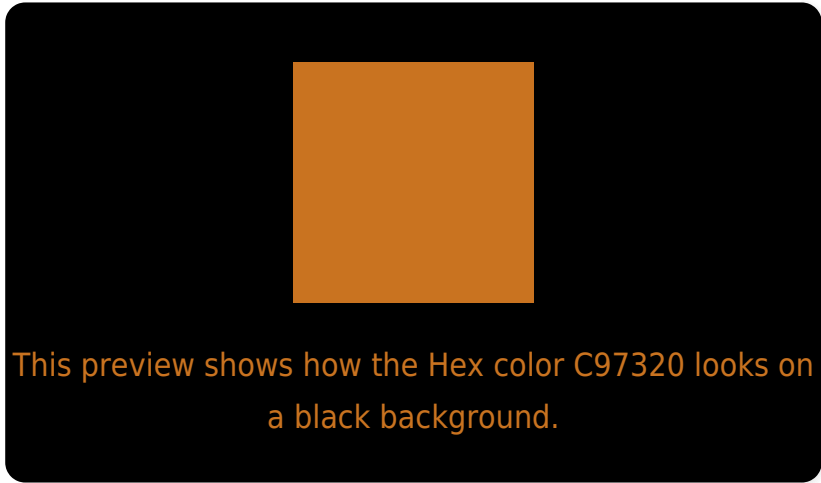
Large Text (above 18pt) WCAG AA ✓ Pass

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 C97320 Background



This preview shows how black text looks on a background with the Hex color C97320.



This preview shows how white text looks on a background with the Hex color C97320.

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
C97320

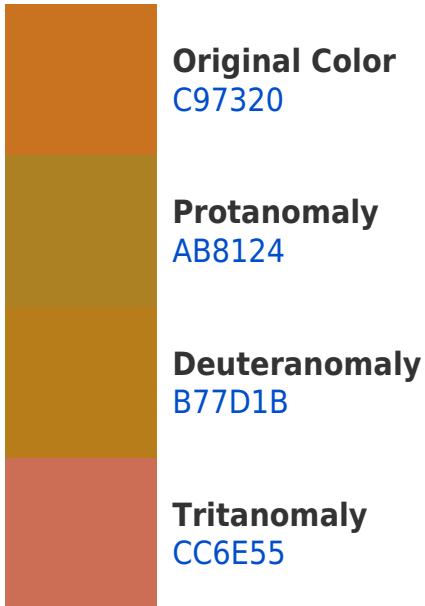
Protanopia
9A8926

Deuteranopia
AD8218



Tritanopia
CD6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C97320 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 #C97320 looks like.

```
.text, #text, p{  
    color:#C97320  
}
```

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 #C97320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C97320
}
```

Border

The CSS property to change the border of an element to Hex C97320 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
#C97320 }
```

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

```
.border{ border-color:#C97320 }
```

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

Here you see how a box with a 4 pixel #C97320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C97320; -webkit-box-shadow:4px 4px  
4px 4px #C97320; box-shadow:4px 4px 4px  
4px #C97320 }
```

Background

The CSS property to change the background color of an element to Hex C97320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C97320 }
```

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

```
.background{ background-color:#C97320 }
```

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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