

Converting Colors

Hex(C98214)

Have a look what the booklet for
Hex(C98214) contains.

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Color

Hex(C98214)

Conversions

Conversions Part 1

Format	Color
Hex	C98214
RGB	201, 130, 20
RGB Percent	79%, 51%, 8%
CMY	0.2118, 0.4902, 0.9216
CMYK	0.00, 0.35, 0.90, 0.21
HSL	36°, 82%, 43%
HSV	36°, 90%, 79%
XYZ	32.1963, 28.4333, 4.4531
YIQ	138.6890, 77.6260, -19.1580

Conversions

Conversions Part 2

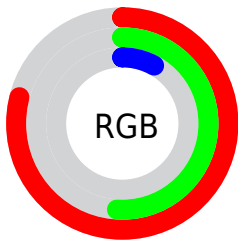
Format	Color
RYB	137, 201, 20
Decimal	13206036
CIELab	60.28, 19.76, 62.61
CIElCh	60, 65.651, 72.483
Yxy	28.4333, 0.4947, 0.4369
Android (android.graphics.Color)	4291396116 (0xFFC98214)
YUV	138.6890, -58.5137, 54.6467
Hunter-Lab	53.3229, 14.4631, 32.3746

Details

The Hex color **C98214** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **145BC9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB74E**, and **8D5100** is the 20% darker color. If you saturate the color by 10%, you get **C97A00**, and if you desaturate by 10%, it is **C98A28**.

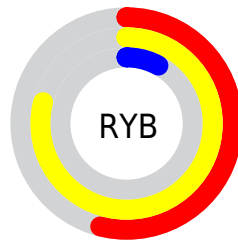
Distribution



Red (79%)

Green (51%)

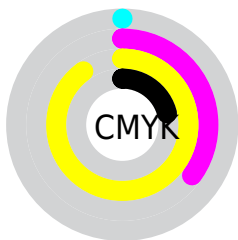
Blue (8%)



Red (54%)

Yellow (79%)

Blue (8%)

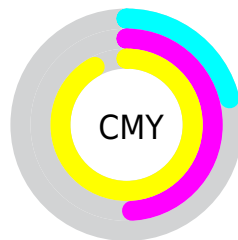


Cyan (0%)

Magenta (35%)

Yellow (90%)

Black (21%)



Cyan (21%)

Magenta (49%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color C98214 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 C98214 by changing the saturation by 10% instead.

 C98214

 C98214

FFFFFF

 AB6900

 FFB74E

 8D5100

 FFD369

 703900

 FFEF84

 542300

 FFFFA0

 380E00

 FFFFBC

 220001

 FFFFD8

 000000

 FFFFF5

 C98214

 C98214

 C97A00

 C98A28

 C9923C

 C99A50

 C9A264

 C9A979

 C9B18D

 C9B9A1

 C9C1B5

 C9C9C9

Harmonies

Analogous

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



EC6945



C98214



979600

Triad

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



C98214



00ACA9



B277E7

Complementary

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



C98214



145BC9

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.



3F90FF



C98214



00AADE

Square

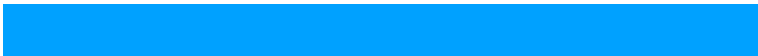
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C98214



00AA6C



00A1FF



E85EB6

Rectangle

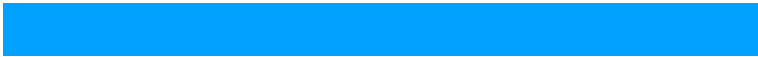
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C98214



6EA022



00A1FF



9780F4

Sweetspot

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



C98214



FFE4BA



C9145C



806F57



000000



808080

Same Dimension

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



C98214



FF9B00



B7C914



63605A



A36300



241600

Inverse Universe

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



145BC9



0064FF



2614C9



5A5D63



0040A3



000E24

Previews

White Background



This preview shows how the Hex color C98214 looks on a white background.

Color Contrast Check

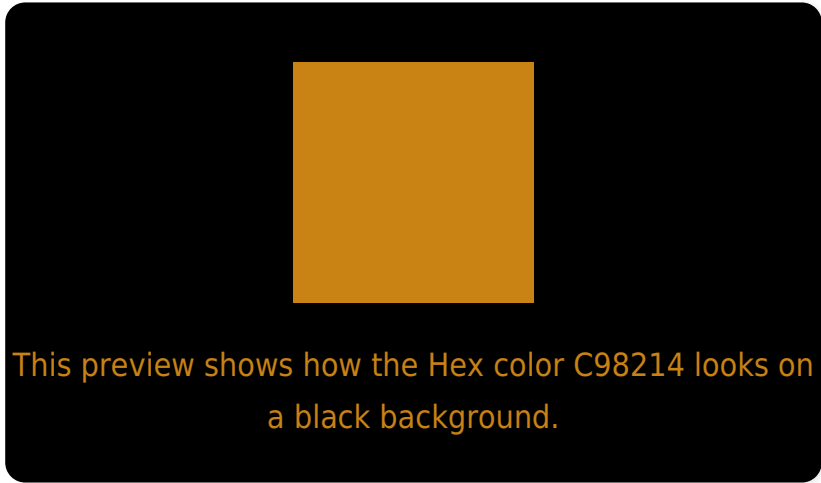
Large Text (above 18pt) WCAG AA ✓ Pass

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 C98214 Background



This preview shows how black text looks on a background with the Hex color C98214.



This preview shows how white text looks on a background with the Hex color C98214.

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
C98214

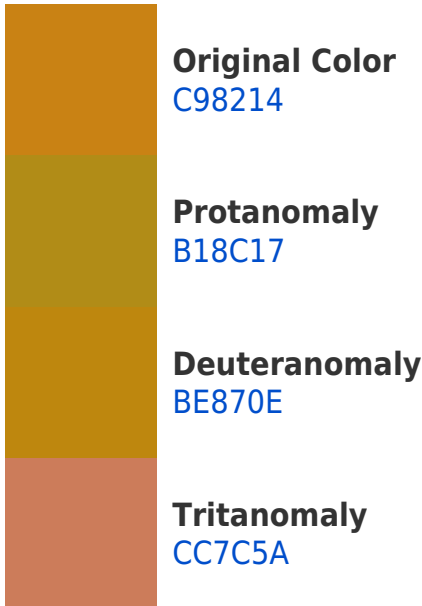
Protanopia
A49219

Deuteranopia
B88A0A

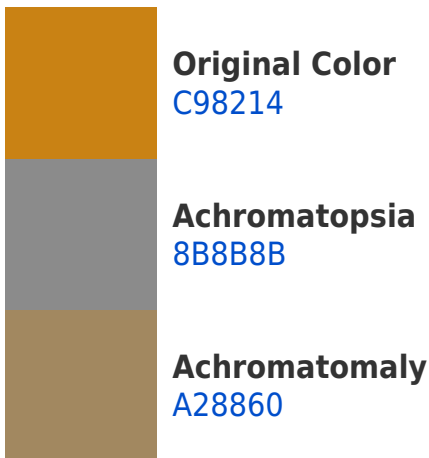


Tritanopia
CE7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C98214 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 #C98214 looks like.

```
.text, #text, p{  
    color:#C98214  
}
```

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 #C98214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C98214
}
```

Border

The CSS property to change the border of an element to Hex C98214 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
#C98214 }
```

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

```
.border{ border-color:#C98214 }
```

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

Here you see how a box with a 4 pixel #C98214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C98214; -webkit-box-shadow:4px 4px  
4px 4px #C98214; box-shadow:4px 4px 4px  
4px #C98214 }
```

Background

The CSS property to change the background color of an element to Hex C98214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C98214 }
```

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

```
.background{ background-color:#C98214 }
```

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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