

Converting Colors

Hex(C17929)

Have a look what the booklet for
Hex(C17929) contains.

Hex(C17929)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C17929)

Conversions

Conversions Part 1

Format	Color
Hex	C17929
RGB	193, 121, 41
RGB Percent	76%, 47%, 16%
CMY	0.2431, 0.5255, 0.8392
CMYK	0.00, 0.37, 0.79, 0.24
HSL	32°, 65%, 46%
HSV	32°, 79%, 76%
XYZ	29.2299, 25.1723, 5.4160
YIQ	133.4080, 68.5920, -9.6160

Conversions

Conversions Part 2

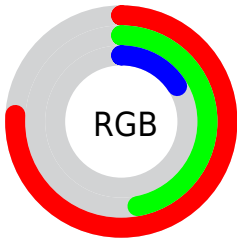
Format	Color
RYB	178, 193, 41
Decimal	12679465
CIELab	57.24, 21.79, 52.73
CIElCh	57, 57.053, 67.545
Yxy	25.1723, 0.4886, 0.4208
Android (android.graphics.Color)	4290869545 (0xFFC17929)
YUV	133.4080, -45.5571, 52.2622
Hunter-Lab	50.1720, 16.1921, 28.7202

Details

The Hex color **C17929** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **2971C1**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FEAE5C**, and **864800** is the 20% darker color. If you saturate the color by 10%, you get **C17016**, and if you desaturate by 10%, it is **C1823C**.

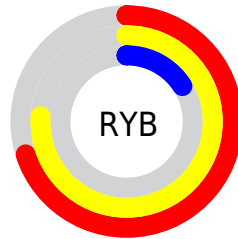
Distribution



Red (76%)

Green (47%)

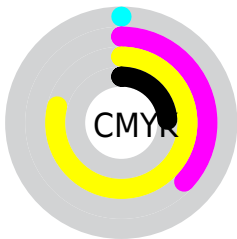
Blue (16%)



Red (70%)

Yellow (76%)

Blue (16%)

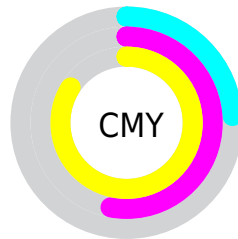


Cyan (0%)

Magenta (37%)

Yellow (79%)

Black (24%)



Cyan (24%)


Magenta (53%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C17929 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 C17929 by changing the saturation by 10% instead.

 C17929

 C17929

FFFFFF

 A3600B

 FEAE5C

 864800

 FFC976

 6A3100

 FFE591

 4D1B00

 FFFFAC

 320600

 FFFFC8

 160000

 FFFF E5

 000000

 C17929

 C17929

 C17016

 C1823C

 C16702

 C18B50

 C16600

 C19463

 C19E76

 C1A78A

 C1B09D

 C1B9B0

 C1C2C3

 C1CBD7

Harmonies

Analogous

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



DD654F



C17929



978B19

Triad

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



C17929



00A195



9C77D9

Complementary

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



C17929



2971C1

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.



308BEC



C17929



00A0C5

Square

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



C17929



009F61



0099E5



CF62B0

Rectangle

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



C17929



769428



0099E5



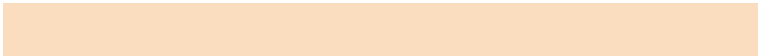
827EE2

Sweetspot

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



C17929



FADDBE



C12972



7D6C59



FCFCFC



7D7D7D

Same Dimension

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



C17929



FA890C



BEC129



615C57



A15500



211100

Inverse Universe

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



2971C1



0C7DFA



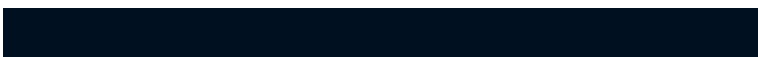
2C29C1



575C61



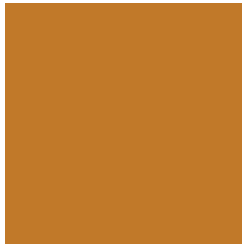
004CA1



001021

Previews

White Background



This preview shows how the Hex color C17929 looks on a white background.

Color Contrast Check

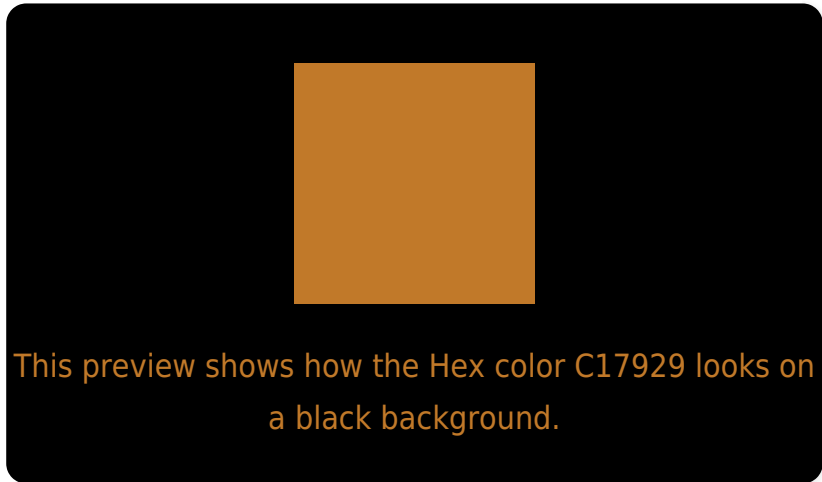
Large Text (above 18pt) WCAG AA ✓ Pass

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 C17929 Background



This preview shows how black text looks on a background with the Hex color C17929.



This preview shows how white text looks on a background with the Hex color C17929.

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
C17929

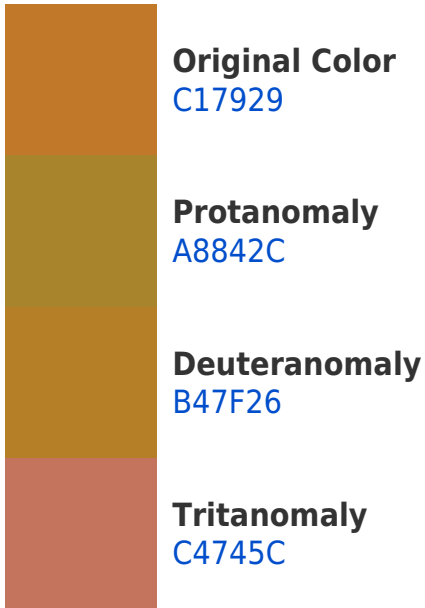
Protanopia
9A8A2E

Deuteranopia
AD8325

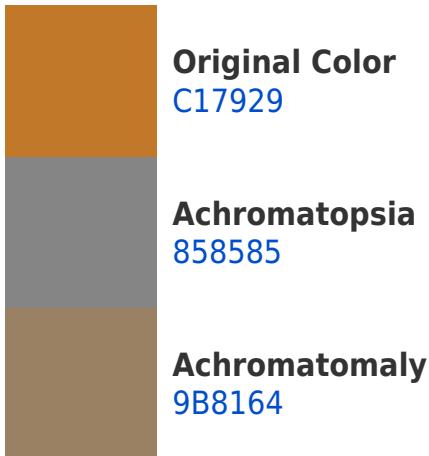


Tritanopia
C57179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C17929 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 #C17929 looks like.

```
.text, #text, p{  
    color:#C17929  
}
```

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 #C17929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17929
}
```

Border

The CSS property to change the border of an element to Hex C17929 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
#C17929 }
```

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

```
.border{ border-color:#C17929 }
```

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

Here you see how a box with a 4 pixel #C17929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17929; -webkit-box-shadow:4px 4px  
4px 4px #C17929; box-shadow:4px 4px 4px  
4px #C17929 }
```

Background

The CSS property to change the background color of an element to Hex C17929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17929 }
```

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

```
.background{ background-color:#C17929 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor