

# Converting Colors

Hex(C28D18)

Have a look what the booklet for  
Hex(C28D18) contains.

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**Color**

**Hex(C28D18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C28D18
RGB	194, 141, 24
RGB Percent	76%, 55%, 9%
CMY	0.2392, 0.4471, 0.9059
CMYK	0.00, 0.27, 0.88, 0.24
HSL	41°, 78%, 43%
HSV	41°, 88%, 76%
XYZ	31.9379, 30.5850, 5.0843
YIQ	143.5090, 69.1450, -25.1510

# Conversions

## Conversions Part 2

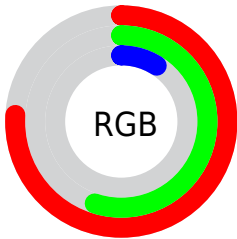
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 194, 24</a>
Decimal	<a href="#">12750104</a>
<a href="#">CIELab</a>	<a href="#">62.16, 10.73, 62.73</a>
<a href="#">CIElCh</a>	<a href="#">62, 63.642, 80.292</a>
<a href="#">Yxy</a>	<a href="#">30.5850, 0.4724, 0.4524</a>
Android (android.graphics.Color)	<a href="#">4290940184</a> ( <a href="#">0xFFC28D18</a> )
<a href="#">YUV</a>	<a href="#">143.5090, -58.9179, 44.2806</a>
<a href="#">Hunter-Lab</a>	<a href="#">55.3037, 6.3021, 33.2618</a>

# Details

The Hex color **C28D18** 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 **184DC2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFC252**, and **875B00** is the 20% darker color. If you saturate the color by 10%, you get **C28705**, and if you desaturate by 10%, it is **C2932B**.

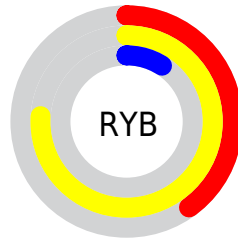
# Distribution



Red (76%)

Green (55%)

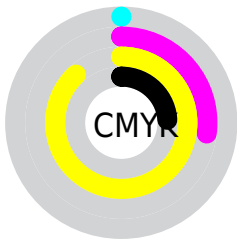
Blue (9%)



Red (40%)

Yellow (76%)

Blue (9%)

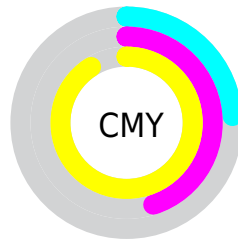


Cyan (0%)

Magenta (27%)

Yellow (88%)

Black (24%)



Cyan (24%)

Magenta (45%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C28D18 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 C28D18 by changing the saturation by 10% instead.



 C28D18

 C28D18

FFFFFF

 A47400

 FFC252

 875B00

 FFDE6D

 6B4400

 FFFB88

 4F2E00

 FFFFFA4

 341900

 FFFFC0

 1D0000

 FFFFDD

 000000

 FFFFFA

 C28D18

 C28D18

 C28705

 C2932B

 C28600

 C2993F

 C29F52

 C2A566

 C2AB79

 C2B18C

 C2B7A0

 C2BDB3

 C2C3C7

# Harmonies

## Analogous

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



E97640



C28D18



8E9F1C

# Triad

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



C28D18



00B1BC



C876DF

# Complementary

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



C28D18



184DC2

# 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.



738FFF



C28D18



00ADEC

# Square

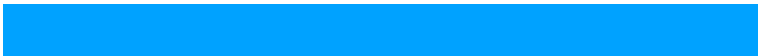
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C28D18



00B081



00A2FF



F362AB

# Rectangle

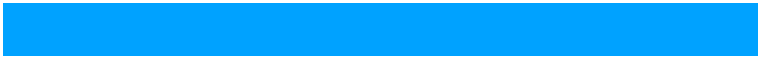
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C28D18



63A739



00A2FF



B27FED



# Sweetspot

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



C28D18



FCE8BB



C2184E



807358



000000



808080



# Same Dimension

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



C28D18



FCAE00



A3C218



615E57



A16F00



211700



# Inverse Universe

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



184DC2



004FFC



3718C2



575A61



0032A1



000A21



# Previews

## White Background



This preview shows how the Hex color C28D18 looks on a white background.

## Color Contrast Check

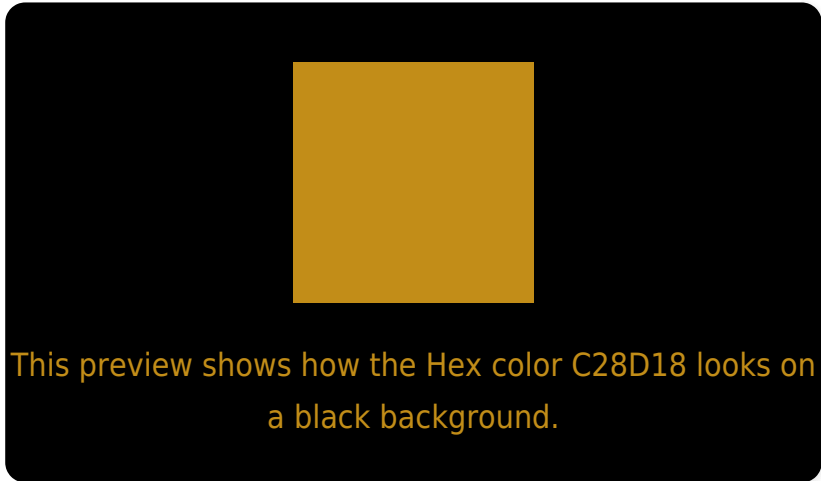
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C28D18 Background



This preview shows how black text looks on a background with the Hex color C28D18.



This preview shows how white text looks on a background with the Hex color C28D18.

# 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**  
C28D18

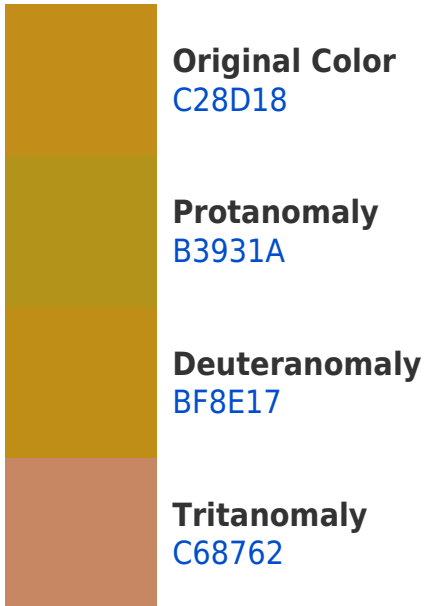
**Protanopia**  
AA971B

**Deuteranopia**  
BE8F17



**Tritanopia**  
C8838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C28D18 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 #C28D18 looks like.

```
.text, #text, p{  
    color:#C28D18  
}
```

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 #C28D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28D18
}
```

## Border

The CSS property to change the border of an element to Hex C28D18 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
#C28D18 }
```

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

```
.border{ border-color:#C28D18 }
```

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

Here you see how a box with a 4 pixel #C28D18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28D18; -webkit-box-shadow:4px 4px  
4px 4px #C28D18; box-shadow:4px 4px 4px  
4px #C28D18 }
```

# Background

The CSS property to change the background color of an element to Hex C28D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28D18 }
```

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

```
.background{ background-color:#C28D18 }
```

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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