

# Converting Colors

Hex(C28425)

Have a look what the booklet for  
Hex(C28425) contains.

<b>Hex(C28425)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C28425)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C28425
RGB	194, 132, 37
RGB Percent	76%, 52%, 15%
CMY	0.2392, 0.4824, 0.8549
CMYK	0.00, 0.32, 0.81, 0.24
HSL	36°, 68%, 45%
HSV	36°, 81%, 76%
XYZ	30.8333, 28.1054, 5.5501
YIQ	139.7080, 67.4470, -16.4010

# Conversions

## Conversions Part 2

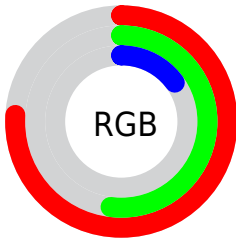
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 194, 37
Decimal	12747813
CIE <sub>Lab</sub>	59.98, 16.04, 56.85
CIE <sub>LCh</sub>	60, 59.071, 74.245
Yxy	28.1054, 0.4781, 0.4358
Android (android.graphics.Color)	4290937893 (0xFFC28425)
YUV	139.7080, -50.6350, 47.6141
Hunter-Lab	53.0146, 11.0403, 30.9032

# Details

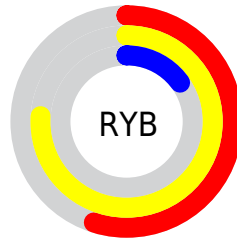
The Hex color **C28425** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2563C2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFB95A**, and **875300** is the 20% darker color. If you saturate the color by 10%, you get **C27C12**, and if you desaturate by 10%, it is **C28C38**.

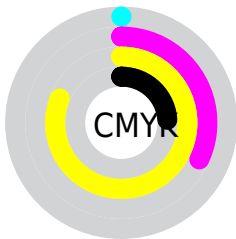
# Distribution



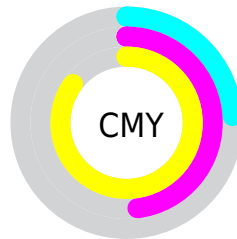
- Red (76%)
- Green (52%)
- Blue (15%)



- Red (55%)
- Yellow (76%)
- Blue (15%)



- Cyan (0%)
- Magenta (32%)
- Yellow (81%)
- Black (24%)



- Cyan (24%)
- Magenta (48%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C28425 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 C28425 by changing the saturation by 10% instead.



 C28425

 C28425

FFFFFF

 A46B02

 FFB95A

 875300

 FFD574

 6B3B00

 FFF18F

 4F2600

 FFFFFAB

 341100

 FFFFC7

 1E0001

 FFFFE3

 000000

 C28425

 C28425

 C27C12

 C28C38

 C27500

 C2934C

 C29B5F

 C2A373

 C2AA86

 C2B299

 C2BAAD

 C2C1C0

 C2C9D4

# Harmonies

## Analogous

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



E36F4A



C28425



94961F

# Triad

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



C28425



00A9A9



B378DC

# Complementary

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



C28425



2563C2

# 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.



5A8EF6



C28425



00A7D8

# Square

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



C28425



00A872



009EF5



E164AE

# Rectangle

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



C28425



6F9E33



009EF5



9C80E7

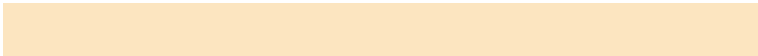


# Sweetspot

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



C28425



FCE5C0



C22564



80715B



000000



808080



# Same Dimension

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



C28425



FC9C08



B2C225



615D57



A16100



211400



# Inverse Universe

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



2563C2



0868FC



3525C2



575B61



003FA1



000D21



# Previews

## White Background



This preview shows how the Hex color C28425 looks on a white background.

## Color Contrast Check

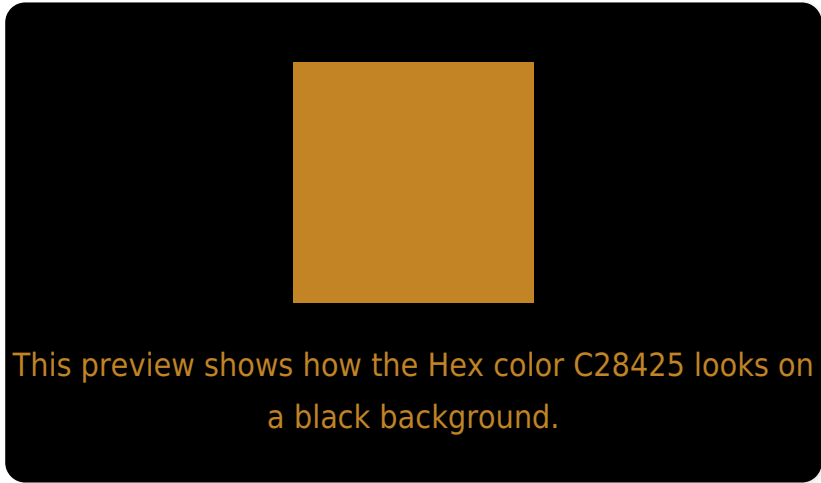
Large Text (above 18pt) WCAG AA ✓ Pass

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

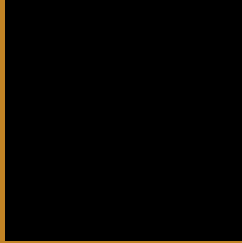
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C28425 Background



This preview shows how black text looks on a background with the Hex color C28425.



This preview shows how white text looks on a background with the Hex color C28425.

# 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**  
C28425

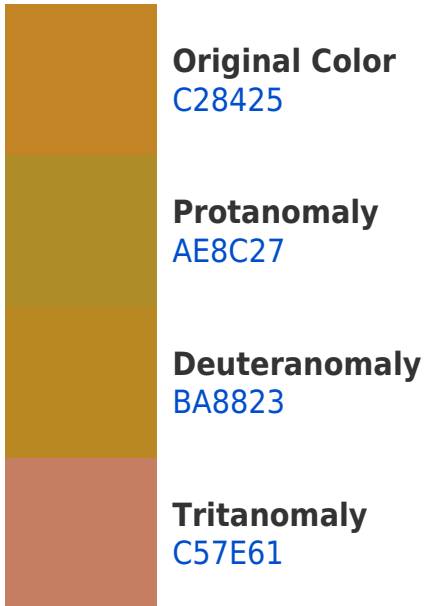
**Protanopia**  
A39128

**Deuteranopia**  
B68A22



**Tritanopia**  
C77B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C28425 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 #C28425 looks like.

```
.text, #text, p{  
    color:#C28425  
}
```

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 #C28425 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28425
}
```

## Border

The CSS property to change the border of an element to Hex C28425 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
#C28425 }
```

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

```
.border{ border-color:#C28425 }
```

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

Here you see how a box with a 4 pixel #C28425 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28425; -webkit-box-shadow:4px 4px  
4px 4px #C28425; box-shadow:4px 4px 4px  
4px #C28425 }
```

# Background

The CSS property to change the background color of an element to Hex C28425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28425 }
```

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

```
.background{ background-color:#C28425 }
```

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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