

Converting Colors

Hex(C28137)

Have a look what the booklet for
Hex(C28137) contains.

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Color

Hex(C28137)

Conversions

Conversions Part 1

Format	Color
Hex	C28137
RGB	194, 129, 55
RGB Percent	76%, 51%, 22%
CMY	0.2392, 0.4941, 0.7843
CMYK	0.00, 0.34, 0.72, 0.24
HSL	32°, 56%, 49%
HSV	32°, 72%, 76%
XYZ	30.7880, 27.4457, 7.2893
YIQ	139.9990, 62.4940, -9.2340

Conversions

Conversions Part 2

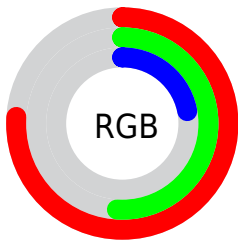
Format	Color
RYB	177, 194, 55
Decimal	12747063
CIELab	59.38, 18.45, 48.76
CIELCh	59, 52.139, 69.272
Yxy	27.4457, 0.4699, 0.4189
Android (android.graphics.Color)	4290937143 (0xFFC28137)
YUV	139.9990, -41.9045, 47.3589
Hunter-Lab	52.3886, 13.2216, 28.4225

Details

The Hex color **C28137** 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 **3778C2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FEB66A**, and **885000** is the 20% darker color. If you saturate the color by 10%, you get **C27824**, and if you desaturate by 10%, it is **C28A4A**.

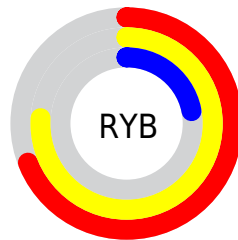
Distribution



Red (76%)

Green (51%)

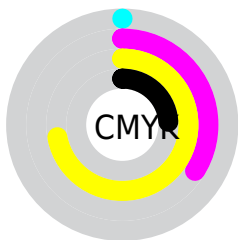
Blue (22%)



Red (69%)

Yellow (76%)

Blue (22%)

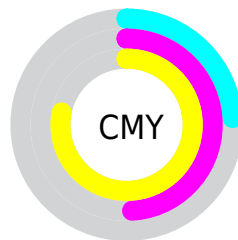


Cyan (0%)

Magenta (34%)

Yellow (72%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C28137 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 C28137 by changing the saturation by 10% instead.

 C28137

 C28137

FFFFFF

 A5681D

 FEB66A

 885000

 FFD284

 6C3800

 FFEE9F

 502300

 FFFFBA

 350E00

 FFFFFD6

 1D0001

 FFFFFF3

 000000

 C28137

 C28137

 C27824

 C28A4A

 C26F10

 C2935E

 C26700

 C29C71

 C2A585

 C2AE98

 C2B7AB

 C2C1BF

 C2CAD2

 C2D3E6

Harmonies

Analogous

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



DC7057



C28137



9B912E

Triad

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



C28137



00A69C



A47DD6

Complementary

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



C28137



3778C2

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.



538FEA



C28137



00A4C8

Square

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



C28137



0AA36D



009DE4



D26CB0

Rectangle

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



C28137



7B993A



009DE4



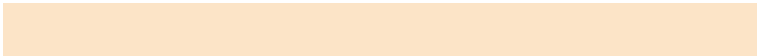
8E83DF

Sweetspot

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



C28137



FCE4C7



C2377A



807160



000000



808080

Same Dimension

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



C28137



FC9723



C0C237



615C57



A15600



211200

Inverse Universe

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



3778C2



2389FC



3937C2



575C61



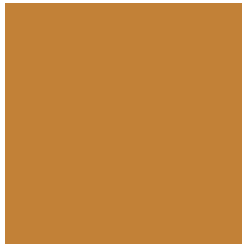
004BA1



001021

Previews

White Background



This preview shows how the Hex color C28137 looks on a white background.

Color Contrast Check

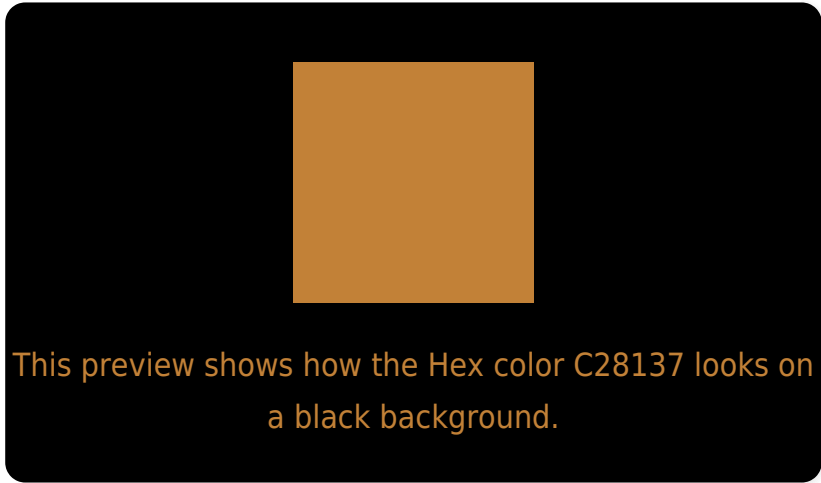
Large Text (above 18pt) WCAG AA ✓ Pass

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

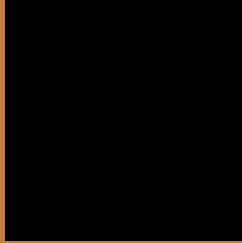
Any Text WCAG AA ✓ Pass

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 C28137 Background



This preview shows how black text looks on a background with the Hex color C28137.



This preview shows how white text looks on a background with the Hex color C28137.

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
C28137

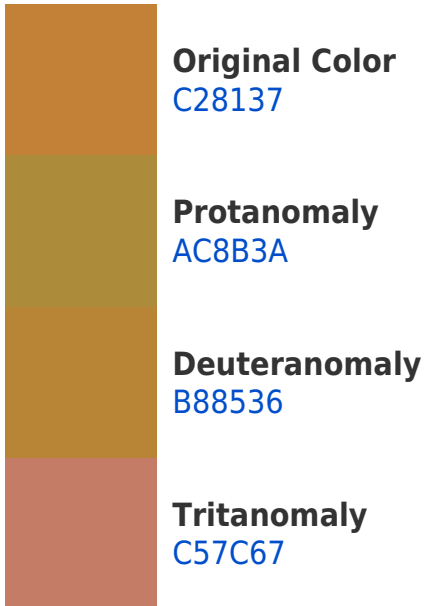
Protanopia
A0903B

Deuteranopia
B38835



Tritanopia
C77982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C28137 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 #C28137 looks like.

```
.text, #text, p{  
    color:#C28137  
}
```

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 #C28137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28137
}
```

Border

The CSS property to change the border of an element to Hex C28137 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
#C28137 }
```

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

```
.border{ border-color:#C28137 }
```

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

Here you see how a box with a 4 pixel #C28137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28137; -webkit-box-shadow:4px 4px  
4px 4px #C28137; box-shadow:4px 4px 4px  
4px #C28137 }
```

Background

The CSS property to change the background color of an element to Hex C28137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28137 }
```

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

```
.background{ background-color:#C28137 }
```

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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