

Converting Colors

Hex(CD8827)

Have a look what the booklet for
Hex(CD8827) contains.

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Color

Hex(CD8827)

Conversions

Conversions Part 1

Format	Color
Hex	CD8827
RGB	205, 136, 39
RGB Percent	80%, 53%, 15%
CMY	0.1961, 0.4667, 0.8471
CMYK	0.00, 0.34, 0.81, 0.20
HSL	35°, 68%, 48%
HSV	35°, 81%, 80%
XYZ	34.3472, 30.7339, 6.0414
YIQ	145.5730, 72.2610, -15.5390

Conversions

Conversions Part 2

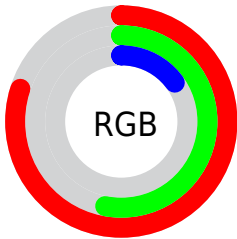
Format	Color
RYB	157, 205, 39
Decimal	13469735
CIELab	62.28, 18.72, 58.69
CIElCh	62, 61.600, 72.312
Yxy	30.7339, 0.4829, 0.4321
Android (android.graphics.Color)	4291659815 (0xFFCD8827)
YUV	145.5730, -52.5405, 52.1175
Hunter-Lab	55.4382, 13.5743, 32.3456

Details

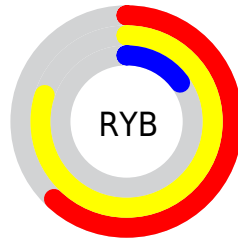
The Hex color **CD8827** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **276CCD**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFBD5C**, and **915600** is the 20% darker color. If you saturate the color by 10%, you get **CD7F13**, and if you desaturate by 10%, it is **CD913C**.

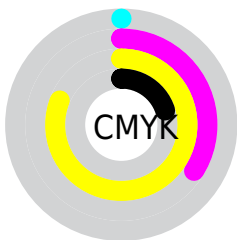
Distribution



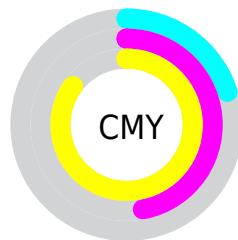
- Red (80%)
- Green (53%)
- Blue (15%)



- Red (62%)
- Yellow (80%)
- Blue (15%)



- Cyan (0%)
- Magenta (34%)
- Yellow (81%)
- Black (20%)



- Cyan (20%)
- Magenta (47%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD8827 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 CD8827 by changing the saturation by 10% instead.


 CD8827

 CD8827

FFFFFF

 AF6F03

 FFBD5C

 915600

 FFD977

 753F00

 FFF692

 582900

 FFFFAD

 3D1300

 FFFFC A

 250000

 FFFF E6

 000000

 CD8827

 CD8827

 CD7F13

 CD913C

■ CD7800

■ CD9950

■ CDA265

■ CDAA79

■ CDB38E

■ CDBBA2

■ CDC4B7

■ CDCCCB

■ CDD5E0

Harmonies

Analogous

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



EE724F



CD8827



9D9B1C

Triad

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



CD8827



00B1AC



B67EE8

Complementary

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



CD8827



276CCD

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.



5295FF



CD8827



00AEDF

Square

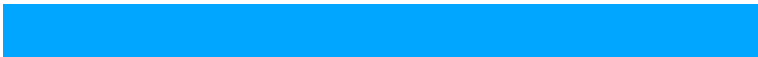
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CD8827



00AE73



00A6FF



E968B9

Rectangle

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



CD8827



77A431



00A6FF



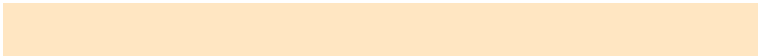
9D86F3

Sweetspot

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



CD8827



FFE6C2



CD276C



80705B



000000



808080

Same Dimension

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



CD8827



FF9808



BFCD27



66625C



A66100



261600

Inverse Universe

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



276CCD



086EFF



3527CD



5C6066



0045A6



001026

Previews

White Background



This preview shows how the Hex color CD8827 looks on a white background.

Color Contrast Check

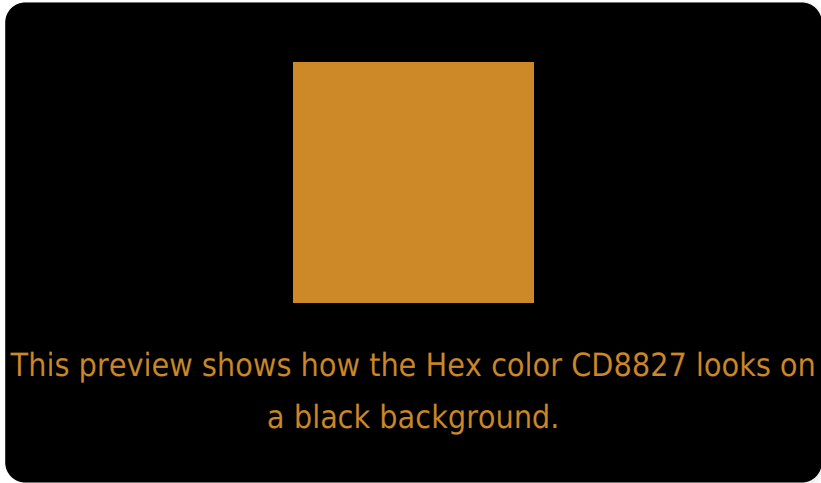
Large Text (above 18pt) WCAG AA × Fail

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 CD8827 Background



This preview shows how black text looks on a background with the Hex color CD8827.



This preview shows how white text looks on a background with the Hex color CD8827.

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
CD8827

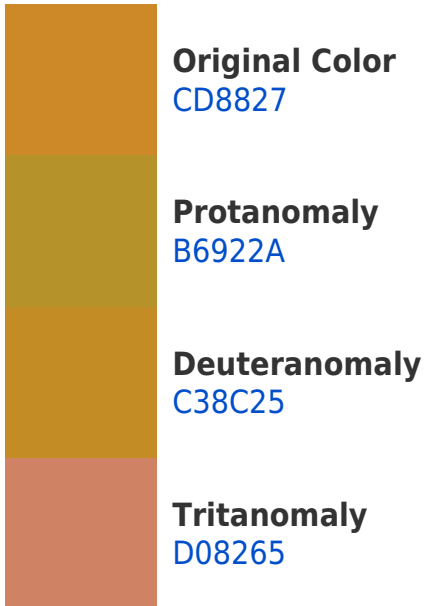
Protanopia
A9972B

Deuteranopia
BE8F24



Tritanopia
D27F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD8827 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 #CD8827 looks like.

```
.text, #text, p{  
    color:#CD8827  
}
```

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 #CD8827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD8827
}
```

Border

The CSS property to change the border of an element to Hex CD8827 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
#CD8827 }
```

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

```
.border{ border-color:#CD8827 }
```

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

Here you see how a box with a 4 pixel #CD8827 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD8827; -webkit-box-shadow:4px 4px  
4px 4px #CD8827; box-shadow:4px 4px 4px  
4px #CD8827 }
```

Background

The CSS property to change the background color of an element to Hex CD8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD8827 }
```

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

```
.background{ background-color:#CD8827 }
```

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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