

Converting Colors

Hex(CDA257)

Have a look what the booklet for
Hex(CDA257) contains.

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Color

Hex(CDA257)

Conversions

Conversions Part 1

Format	Color
Hex	CDA257
RGB	205, 162, 87
RGB Percent	80%, 64%, 34%
CMY	0.1961, 0.3647, 0.6588
CMYK	0.00, 0.21, 0.58, 0.20
HSL	38°, 54%, 57%
HSV	38°, 58%, 80%
XYZ	39.8175, 39.5079, 14.5440
YIQ	166.3070, 49.7030, -14.2090

Conversions

Conversions Part 2

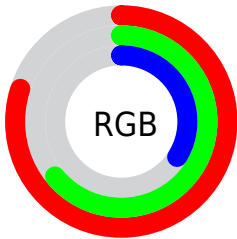
Format	Color
RYB	155, 205, 87
Decimal	13476439
CIELab	69.12, 7.24, 44.52
CIELCh	69, 45.103, 80.766
Yxy	39.5079, 0.4242, 0.4209
Android (android.graphics.Color)	4291666519 (0xFFCDA257)
YUV	166.3070, -39.0984, 33.9338
Hunter-Lab	62.8553, 3.0790, 30.2797

Details

The Hex color **CDA257** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5782CD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD98B**, and **946F25** is the 20% darker color. If you saturate the color by 10%, you get **CD9B42**, and if you desaturate by 10%, it is **CDA96C**.

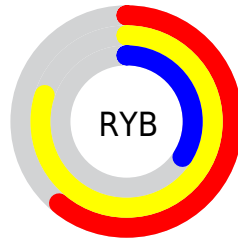
Distribution



Red (80%)

Green (64%)

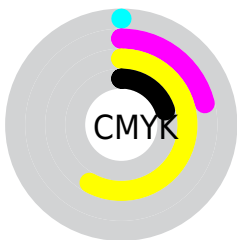
Blue (34%)



Red (61%)

Yellow (80%)

Blue (34%)

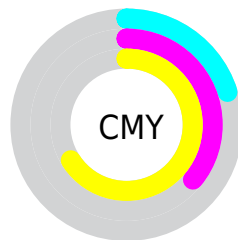


Cyan (0%)

Magenta (21%)

Yellow (58%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA257 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 CDA257 by changing the saturation by 10% instead.

 CDA257

 CDA257

FFFFFF

 B0883E

 FFD98B

 946F25

 FFF5A6

 785609

 FFFFC1

 5D3F00

 FFFFDE

 432900

 FFFFFA

 291500

 090000

 000000

 CDA257

 CDA257

 CD9B42

 CDA96C

 CD932E

 CDB180

 CD8C1A

 CDB895

 CD8405

 CDC0A9

 CD8200

 CDC7BE

 CDCFD2

 CDD6E7

 CDDEFB

 CDE5FF

Harmonies

Analogous

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



EA936B



CDA257



A6AF5A

Triad

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



CDA257



00BEC4



CF93DD

Complementary

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



CDA257



5782CD

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.



99A3F5



CDA257



00BAE7

Square

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



CDA257



34BD9A



48B1F9



EF89B7

Rectangle

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



CDA257



87B669



48B1F9



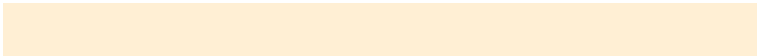
C098E7

Sweetspot

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



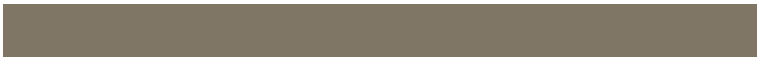
CDA257



FFEFD4



CD5782



807666



000000



808080

Same Dimension

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



CDA257



FFBF4F



BDCD57



66625C



A66900



261800

Inverse Universe

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



5782CD



4F8FFF



6757CD



5C6066



003CA6



000E26

Previews

White Background



This preview shows how the Hex color CDA257 looks on a white background.

Color Contrast Check

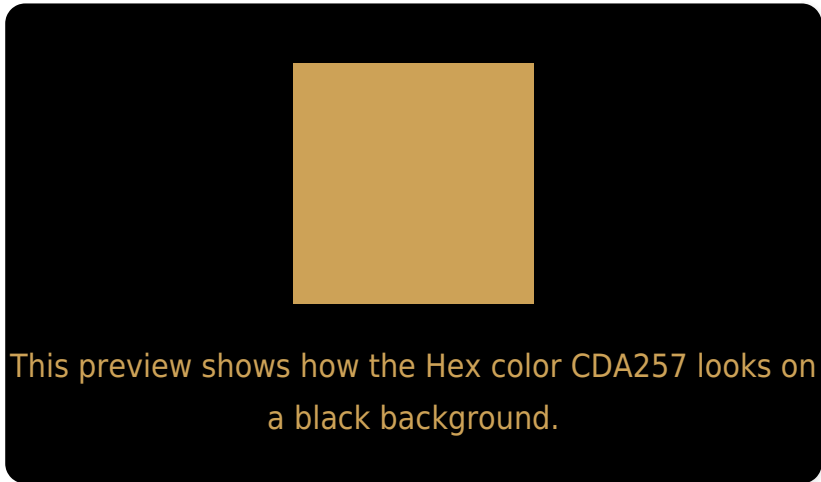
Large Text (above 18pt) WCAG AA × Fail

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 CDA257 Background



This preview shows how black text looks on a background with the Hex color CDA257.



This preview shows how white text looks on a background with the Hex color CDA257.

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
CDA257

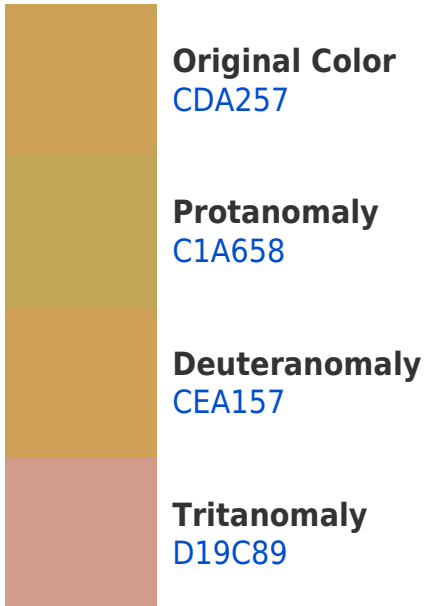
Protanopia
BAA959

Deuteranopia
CFA157

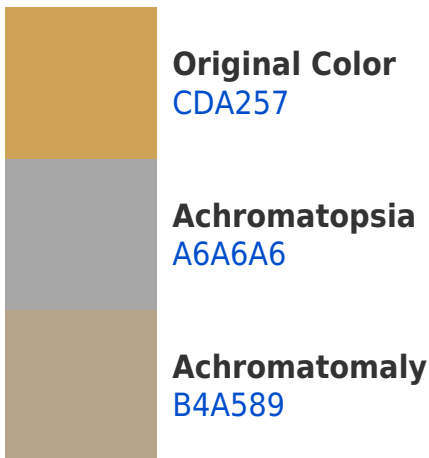


Tritanopia
D399A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA257 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 #CDA257 looks like.

```
.text, #text, p{  
    color:#CDA257  
}
```

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 #CDA257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA257
}
```

Border

The CSS property to change the border of an element to Hex CDA257 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
#CDA257 }
```

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

```
.border{ border-color:#CDA257 }
```

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

Here you see how a box with a 4 pixel #CDA257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA257; -webkit-box-shadow:4px 4px  
4px 4px #CDA257; box-shadow:4px 4px 4px  
4px #CDA257 }
```

Background

The CSS property to change the background color of an element to Hex CDA257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA257 }
```

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

```
.background{ background-color:#CDA257 }
```

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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