

Converting Colors

Hex(CDA965)

Have a look what the booklet for
Hex(CDA965) contains.

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Color

Hex(CDA965)

Conversions

Conversions Part 1

Format	Color
Hex	CDA965
RGB	205, 169, 101
RGB Percent	80%, 66%, 40%
CMY	0.1961, 0.3373, 0.6039
CMYK	0.00, 0.18, 0.51, 0.20
HSL	39°, 51%, 60%
HSV	39°, 51%, 80%
XYZ	41.7138, 42.2947, 18.2771
YIQ	172.0120, 43.2840, -13.5160

Conversions

Conversions Part 2

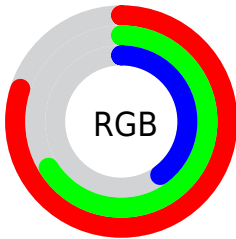
Format	Color
RYB	156, 205, 101
Decimal	13478245
CIELab	71.07, 4.65, 39.80
CIELCh	71, 40.072, 83.331
Yxy	42.2947, 0.4078, 0.4135
Android (android.graphics.Color)	4291668325 (0xFFCDA965)
YUV	172.0120, -35.0089, 28.9305
Hunter-Lab	65.0343, 0.6818, 28.8614

Details

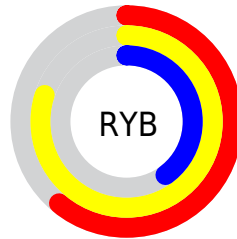
The Hex color **CDA965** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6589CD**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE099**, and **947534** is the 20% darker color. If you saturate the color by 10%, you get **CDA251**, and if you desaturate by 10%, it is **CDB07A**.

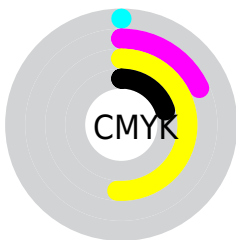
Distribution



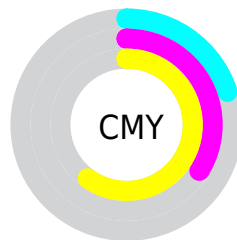
- Red (80%)
- Green (66%)
- Blue (40%)



- Red (61%)
- Yellow (80%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (51%)
- Black (20%)



- Cyan (20%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA965 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 CDA965 by changing the saturation by 10% instead.

 CDA965

 CDA965

FFFFFF

 B08F4C

 FFE099

 947534

 FFFDB4

 795D1C

 FFFFFD0

 5E4501

 FFFFFED

 452F00

 2B1B00

 110000

 000000

 CDA965

 CDA965

 CDA251

 CDB07A

 CD9B3C

 CDB78E

 CD9427

 CDBEA3

 CD8D13

 CDC5B7

 CD8600

 CDCCCC

 CDD4E0

 CDDBF5

 CDE2FF

 CDE9FF

Harmonies

Analogous

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



E89C75



CDA965



A9B56A

Triad

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



CDA965



00C1CA



D49ADA

Complementary

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



CDA965



6589CD

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.



A6A8F1



CDA965



16BDE8

Square

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



CDA965



4CC1A4



68B4F6



EF92B8

Rectangle

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



CDA965



8DBA78



68B4F6



C79FE3

Sweetspot

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



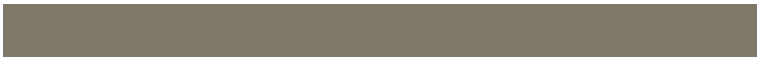
CDA965



FFF2D9



CD6589



807869



000000



808080

Same Dimension

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



CDA965



FFC963



BDCD65



66625C



A66C00



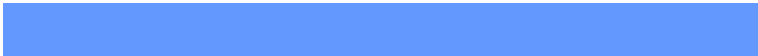
261900

Inverse Universe

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



6589CD



6399FF



7565CD



5C5F66



0039A6



000D26

Previews

White Background



This preview shows how the Hex color CDA965 looks on a white background.

Color Contrast Check

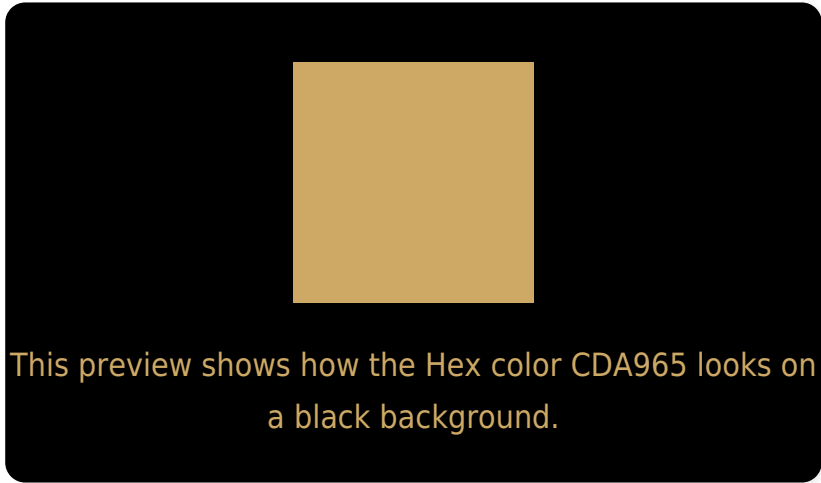
Large Text (above 18pt) WCAG AA × Fail

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

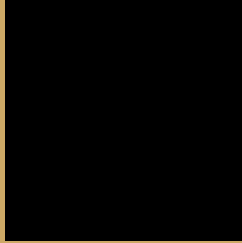
Any Text WCAG AA ✓ Pass

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 CDA965 Background



This preview shows how black text looks on a background with the Hex color CDA965.

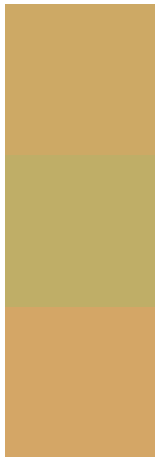


This preview shows how white text looks on a background with the Hex color CDA965.

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
CDA965

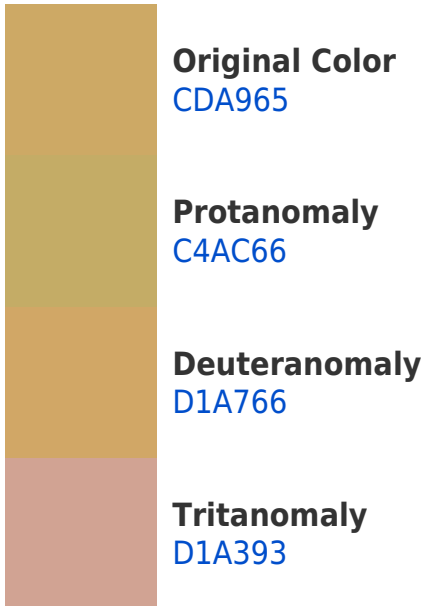
Protanopia
BFAE67

Deuteranopia
D4A666

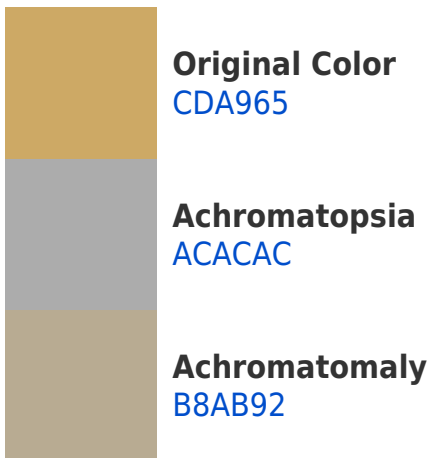


Tritanopia
D4A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA965 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 #CDA965 looks like.

```
.text, #text, p{  
    color:#CDA965  
}
```

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 #CDA965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA965  
}
```

Border

The CSS property to change the border of an element to Hex CDA965 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  
#CDA965 }
```

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

```
.border{ border-color:#CDA965 }
```

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

Here you see how a box with a 4 pixel #CDA965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA965; -webkit-box-shadow:4px 4px  
4px 4px #CDA965; box-shadow:4px 4px 4px  
4px #CDA965 }
```

Background

The CSS property to change the background color of an element to Hex CDA965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA965 }
```

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

```
.background{ background-color:#CDA965 }
```

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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