

Converting Colors

Hex(C2CA35)

Have a look what the booklet for
Hex(C2CA35) contains.

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Color

Hex(C2CA35)

Conversions

Conversions Part 1

Format	Color
Hex	C2CA35
RGB	194, 202, 53
RGB Percent	76%, 79%, 21%
CMY	0.2392, 0.2078, 0.7922
CMYK	0.04, 0.00, 0.74, 0.21
HSL	63°, 58%, 50%
HSV	63°, 74%, 79%
XYZ	44.0113, 53.9674, 11.4653
YIQ	182.6220, 43.0610, -48.0350

Conversions

Conversions Part 2

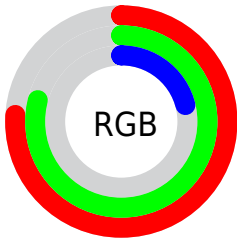
Format	Color
RYB	53, 202, 61
Decimal	12765749
CIELab	78.44, -20.26, 68.39
CIELCh	78, 71.326, 106.500
Yxy	53.9674, 0.4021, 0.4931
Android (android.graphics.Color)	4290955829 (0xFFC2CA35)
YUV	182.6220, -63.9036, 9.9785
Hunter-Lab	73.4625, -21.6204, 42.1704

Details

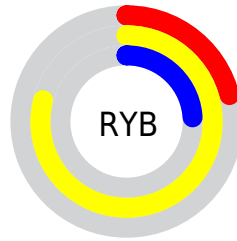
The Hex color **C2CA35** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3D35CA**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FDF66E**, and **899400** is the 20% darker color. If you saturate the color by 10%, you get **C1CA21**, and if you desaturate by 10%, it is **C3CA49**.

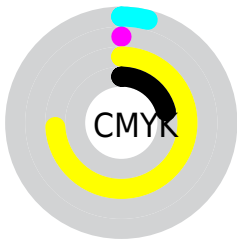
Distribution



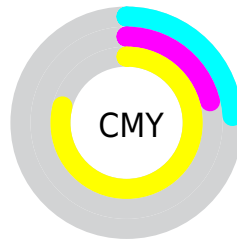
- Red (76%)
- Green (79%)
- Blue (21%)



- Red (21%)
- Yellow (79%)
- Blue (24%)



- Cyan (4%)
- Magenta (0%)
- Yellow (74%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2CA35 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 C2CA35 by changing the saturation by 10% instead.

 C2CA35

 C2CA35

FFFFFF

 A5AF0F

 FDF66E

 899400

 FFF88A

 6D7A00

 FFFA7

 526200

 FFFC3

 364A00

 FFFFFE0

 1C3300

FFFFFFE

 001F00

 000000

 C2CA35

 C2CA35

 C1CA21

 C3CA49

 C0CA0D

 C4CA5D

 BFCA00

 C5CA72

 C6CA86

 C7CA9A

 C9CAAE

 CACAC2

 CBCAD7

 CCCAEB

Harmonies

Analogous

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



FEB438



C2CA35



74D861

Triad

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



C2CA35



00DEFF



FF89E3

Complementary

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



C2CA35



3D35CA

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.



F4A1FF



C2CA35



00D2FF

Square

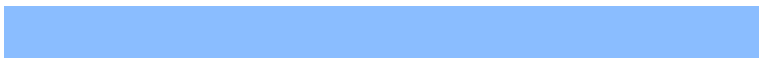
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2CA35



00E2E6



8ABDFE



FF86A0

Rectangle

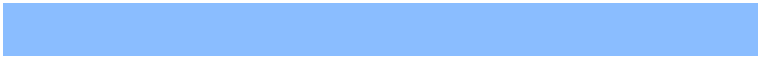
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2CA35



00DE8A



8ABDFF



FF8FF8

Sweetspot

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



C2CA35



FCFFC7



CA3C35



7E805E



000000



808080

Same Dimension

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



C2CA35



F3FF1C



78CA35



65665C



9DA600



242600

Inverse Universe

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



3D35CA



281CFF



8735CA



5C5C66



0900A6



020026

Previews

White Background



This preview shows how the Hex color C2CA35 looks on a white background.

Color Contrast Check

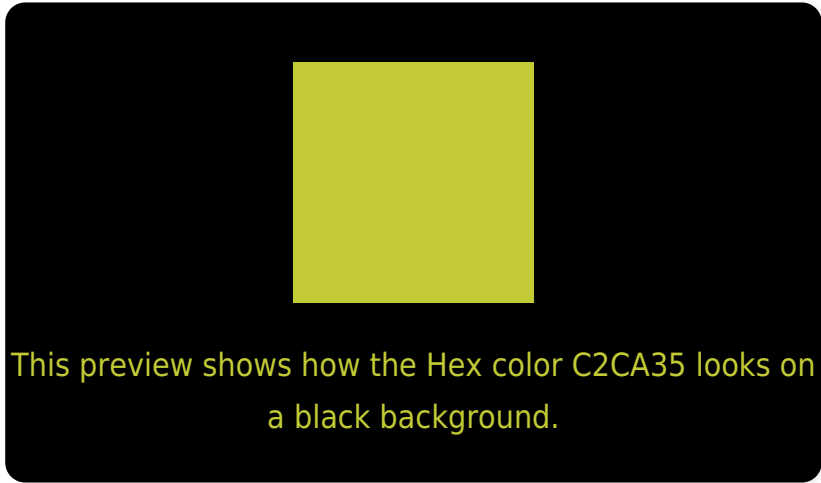
Large Text (above 18pt) WCAG AA × Fail

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 C2CA35 Background



This preview shows how black text looks on a background with the Hex color C2CA35.

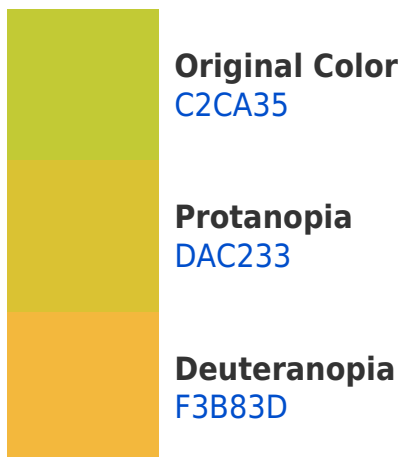


This preview shows how white text looks on a background with the Hex color C2CA35.

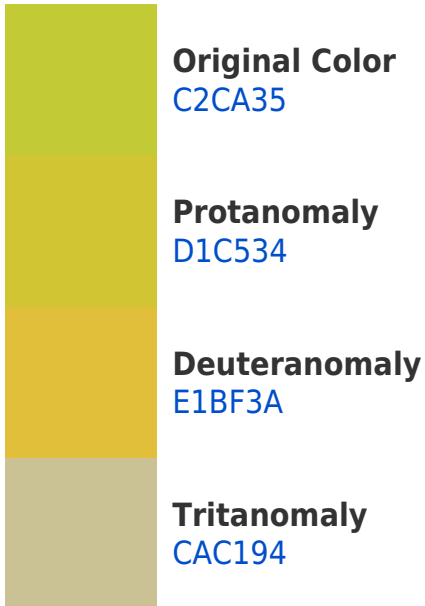
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2CA35 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 #C2CA35 looks like.

```
.text, #text, p{  
    color:#C2CA35  
}
```

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 #C2CA35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2CA35
}
```

Border

The CSS property to change the border of an element to Hex C2CA35 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
#C2CA35 }
```

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

```
.border{ border-color:#C2CA35 }
```

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

Here you see how a box with a 4 pixel #C2CA35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2CA35; -webkit-box-shadow:4px 4px  
4px 4px #C2CA35; box-shadow:4px 4px 4px  
4px #C2CA35 }
```

Background

The CSS property to change the background color of an element to Hex C2CA35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2CA35 }
```

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

```
.background{ background-color:#C2CA35 }
```

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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