

Converting Colors

Hex(CDC63C)

Have a look what the booklet for
Hex(CDC63C) contains.

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Color

Hex(CDC63C)

Conversions

Conversions Part 1

Format	Color
Hex	CDC63C
RGB	205, 198, 60
RGB Percent	80%, 78%, 24%
CMY	0.1961, 0.2235, 0.7647
CMYK	0.00, 0.03, 0.71, 0.20
HSL	57°, 59%, 52%
HSV	57°, 71%, 80%
XYZ	46.1865, 53.6935, 12.2046
YIQ	184.3610, 48.4700, -41.4340

Conversions

Conversions Part 2

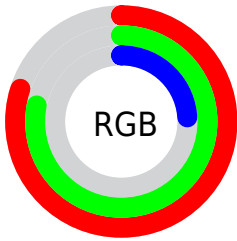
Format	Color
RYB	67, 205, 60
Decimal	13485628
CIELab	78.28, -13.30, 66.13
CIELCh	78, 67.449, 101.370
Yxy	53.6935, 0.4121, 0.4790
Android (android.graphics.Color)	4291675708 (0xFFC6DC63C)
YUV	184.3610, -61.3100, 18.1004
Hunter-Lab	73.2759, -15.7224, 41.4180

Details

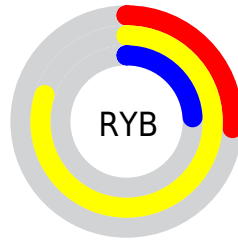
The Hex color **CDC63C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3C43CD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFE74**, and **939000** is the 20% darker color. If you saturate the color by 10%, you get **CDC527**, and if you desaturate by 10%, it is **CDC751**.

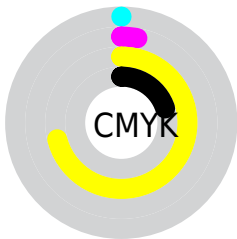
Distribution



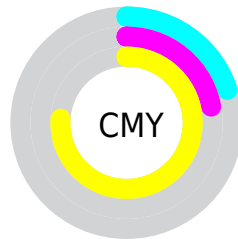
- Red (80%)
- Green (78%)
- Blue (24%)



- Red (26%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (3%)
- Yellow (71%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDC63C 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 CDC63C by changing the saturation by 10% instead.



CDC63C



CDC63C

FFFFFF



B0AB1C



FFFE74



939000



FFFF90



777700



FFFACD



5C5E00



FFC0CB



414700



FFEE58



273100



0C1C00



000000



CDC63C



CDC63C

 CDC527

 CDC751

 CDC413

 CDC865

 CDC300

 CDC97A

 CDCA8E

 CDCBA3

 CDCCB7

 CDCDCC

 CDCEE0

 CDCFF5

Harmonies

Analogous

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



FFB046



CDC63C



88D55E

Triad

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



CDC63C



00DDFF



FF8FEB

Complementary

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



CDC63C



3C43CD

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.



E4A7FF



CDC63C



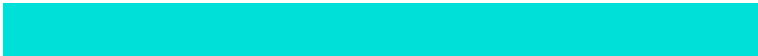
00D3FF

Square

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



CDC63C



00E0D8



77C0FF



FF89AC

Rectangle

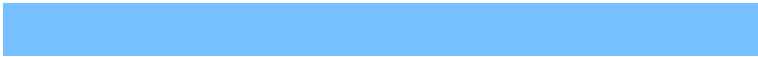
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDC63C



43DB83



77C0FF



FF96FF

Sweetspot

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



CDC63C



FFFCC9



CD3C43



807E60



000000



808080

Same Dimension

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



CDC63C



FFF526



8CCD3C



66665C



A69E00



262400

Inverse Universe

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



3C43CD



2631FF



7D3CCD



5C5C66



0008A6



000226

Previews

White Background



This preview shows how the Hex color CDC63C looks on a white background.

Color Contrast Check

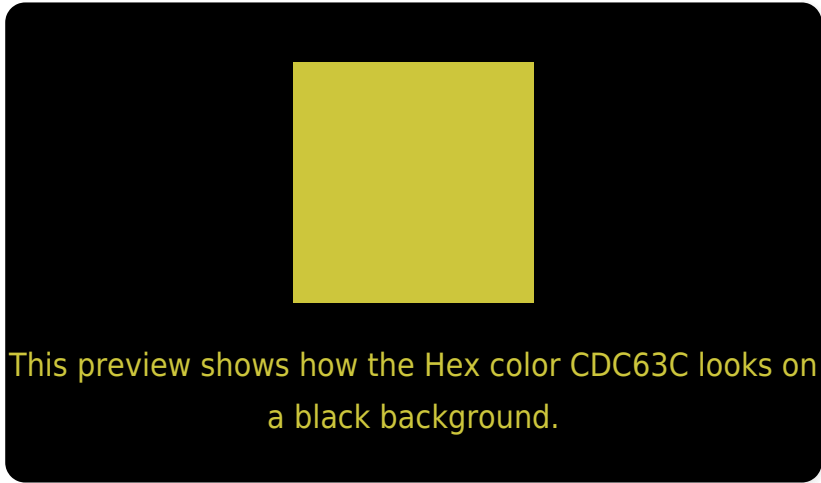
Large Text (above 18pt) WCAG AA × Fail

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 CDC63C Background



This preview shows how black text looks on a background with the Hex color CDC63C.



This preview shows how white text looks on a background with the Hex color CDC63C.

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
CDC63C

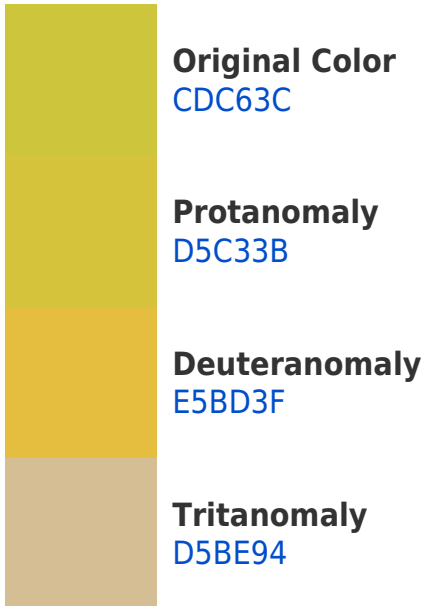
Protanopia
D9C23B

Deuteranopia
F2B841

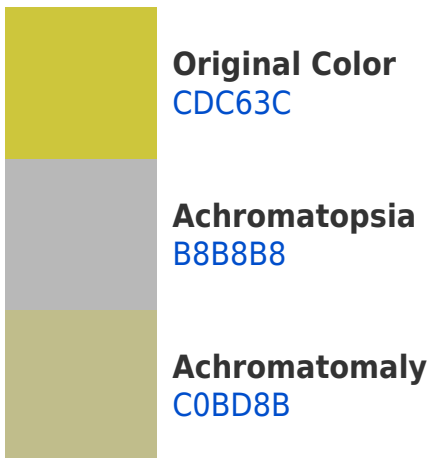


Tritanopia
D9B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDC63C 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 #CDC63C looks like.

```
.text, #text, p{  
    color:#CDC63C  
}
```

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 #CDC63C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDC63C
}
```

Border

The CSS property to change the border of an element to Hex CDC63C 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
#CDC63C }
```

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

```
.border{ border-color:#CDC63C }
```

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

Here you see how a box with a 4 pixel #CDC63C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDC63C; -webkit-box-shadow:4px 4px  
4px 4px #CDC63C; box-shadow:4px 4px 4px  
4px #CDC63C }
```

Background

The CSS property to change the background color of an element to Hex CDC63C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDC63C }
```

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

```
.background{ background-color:#CDC63C }
```

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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