

Converting Colors

Hex(CCD037)

Have a look what the booklet for
Hex(CCD037) contains.

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Color

Hex(CCD037)

Conversions

Conversions Part 1

Format	Color
Hex	CCD037
RGB	204, 208, 55
RGB Percent	80%, 82%, 22%
CMY	0.2000, 0.1843, 0.7843
CMYK	0.02, 0.00, 0.74, 0.18
HSL	62°, 62%, 52%
HSV	62°, 74%, 82%
XYZ	48.1473, 58.2250, 12.3153
YIQ	189.3620, 46.7290, -48.4310

Conversions

Conversions Part 2

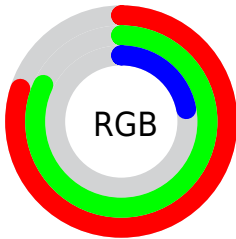
Format	Color
RYB	55, 208, 59
Decimal	13422647
CIELab	80.86, -18.94, 70.28
CIELCh	81, 72.791, 105.079
Yxy	58.2250, 0.4057, 0.4906
Android (android.graphics.Color)	4291612727 (0xFFCCD037)
YUV	189.3620, -66.2405, 12.8375
Hunter-Lab	76.3053, -20.9038, 43.8445

Details

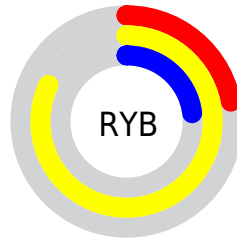
The Hex color **CCD037** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3B37D0**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF71**, and **929A00** is the 20% darker color. If you saturate the color by 10%, you get **CBD022**, and if you desaturate by 10%, it is **CDD04C**.

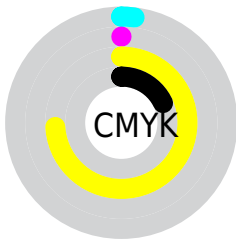
Distribution



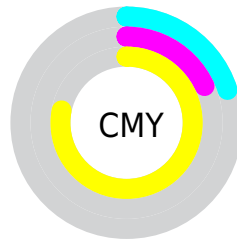
- Red (80%)
- Green (82%)
- Blue (22%)



- Red (22%)
- Yellow (82%)
- Blue (23%)



- Cyan (2%)
- Magenta (0%)
- Yellow (74%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCD037 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 CCD037 by changing the saturation by 10% instead.

 CCD037

 CCD037

FFFFFF

 AFB511

 FFFF71

 929A00

 FFFF8D

 768000

 FFFFA9

 5B6700

 FFFFC6

 3F4F00

 FFFF E3

 253800

 0A2300

 000600

 000000

 CCD037

 CCD037

 CBD022

 CDD04C

 CBD00D

 CDD061

 CBD000

 CED075

 CED08A

 CFD09F

 CFD0B4

 D0D0C9

 D0D0DD

 D1D0F2

Harmonies

Analogous

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



FFB93D



CCD037



7EDF63

Triad

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



CCD037



00E6FF



FF8FEE

Complementary

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



CCD037



3B37D0

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.



F8A8FF



CCD037



00DAFF

Square

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



CCD037



00EAEA



88C4FF



FF8AA9

Rectangle

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



CCD037



0AE58C



88C4FF



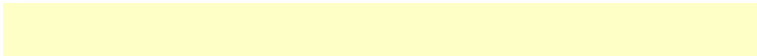
FF96FF

Sweetspot

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



CCD037



FEFFC7



D03A37



7F805E



000000



808080

Same Dimension

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



CCD037



F9FF1F



81D037



68695E



A4A800



282900

Inverse Universe

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



3B37D0



241FFF



8637D0



5E5E69



0400A8



010029

Previews

White Background



This preview shows how the Hex color CCD037 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



This preview shows how the Hex color CCD037 looks on a 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 CCD037 Background



This preview shows how black text looks on a background with the Hex color CCD037.

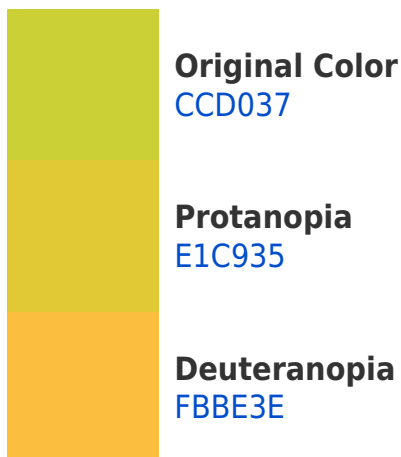


This preview shows how white text looks on a background with the Hex color CCD037.

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





Tritanopia
D9C2D1

Trichromacy



Original Color
CCD037

Protanomaly
D9CC36

Deuteranomaly
EAC53B

Tritanomaly
D4C799

Monochromacy



Original Color
CCD037

Achromatopsia
BDBDBD

Achromatomaly
C2C48C

CSS Examples

Text

The CSS property to change the color of the text to Hex CCD037 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 #CCD037 looks like.

```
.text, #text, p{  
    color:#CCD037  
}
```

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 #CCD037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD037
}
```

Border

The CSS property to change the border of an element to Hex CCD037 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
#CCD037 }
```

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

```
.border{ border-color:#CCD037 }
```

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

Here you see how a box with a 4 pixel #CCD037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD037; -webkit-box-shadow:4px 4px  
4px 4px #CCD037; box-shadow:4px 4px 4px  
4px #CCD037 }
```

Background

The CSS property to change the background color of an element to Hex CCD037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD037 }
```

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

```
.background{ background-color:#CCD037 }
```

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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