

Converting Colors

Hex(CCC633)

Have a look what the booklet for
Hex(CCC633) contains.

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Color

Hex(CCC633)

Conversions

Conversions Part 1

Format	Color
Hex	CCC633
RGB	204, 198, 51
RGB Percent	80%, 78%, 20%
CMY	0.2000, 0.2235, 0.8000
CMYK	0.00, 0.03, 0.75, 0.20
HSL	58°, 60%, 50%
HSV	58°, 75%, 80%
XYZ	45.6935, 53.4646, 11.0434
YIQ	183.0360, 50.7630, -44.4450

Conversions

Conversions Part 2

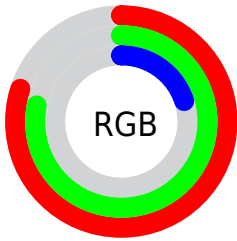
Format	Color
RYB	57, 204, 51
Decimal	13420083
CIELab	78.15, -14.12, 69.05
CIELCh	78, 70.484, 101.559
Yxy	53.4646, 0.4146, 0.4852
Android (android.graphics.Color)	4291610163 (0xFFCCC633)
YUV	183.0360, -65.0937, 18.3854
Hunter-Lab	73.1195, -16.4117, 42.2290

Details

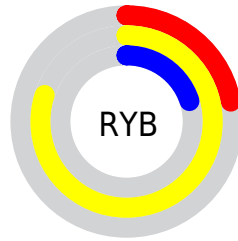
The Hex color **CCC633** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3339CC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFFE6D**, and **929100** is the 20% darker color. If you saturate the color by 10%, you get **CCC51F**, and if you desaturate by 10%, it is **CCC747**.

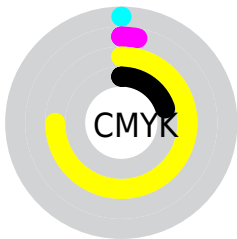
Distribution



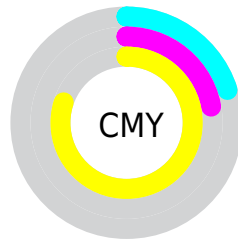
- Red (80%)
- Green (78%)
- Blue (20%)



- Red (22%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (3%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCC633 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 CCC633 by changing the saturation by 10% instead.

 CCC633

 CCC633

FFFFFF

 AFAB0B

 FFFE6D

 929100

 FFFF89

 767700

 FFFFA5

 5B5E00

 FFFF81

 3F4700

 FFFFDE

 253100

 FFFF8C

 091D00

 000000

 CCC633

 CCC633

■ CCC51F

■ CCC747

■ CCC40A

■ CCC85C

■ CCC400

■ CCC870

■ CCC985

■ CCCA99

■ CCCBAD

■ CCCCC2

■ CCCCD6

■ CCCDEB

Harmonies

Analogous

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



FFAF3F



CCC633



84D659

Triad

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



CCC633



00DEFF



FF8CEC

Complementary

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



CCC633



3339CC

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.



E5A5FF



CCC633



00D4FF

Square

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



CCC633



00E1D9



70C0FF



FF84AA

Rectangle

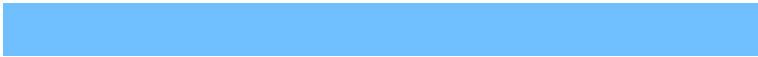
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCC633



34DC80



70C0FF



FF93FF

Sweetspot

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



CCC633



FFFDC4



CC333B



807E5C



000000



808080

Same Dimension

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



CCC633



FFF619



87CC33



66665C



A69F00



262500

Inverse Universe

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



3339CC



1922FF



7833CC



5C5C66



0006A6



000126

Previews

White Background



This preview shows how the Hex color CCC633 looks on a white background.

Color Contrast Check

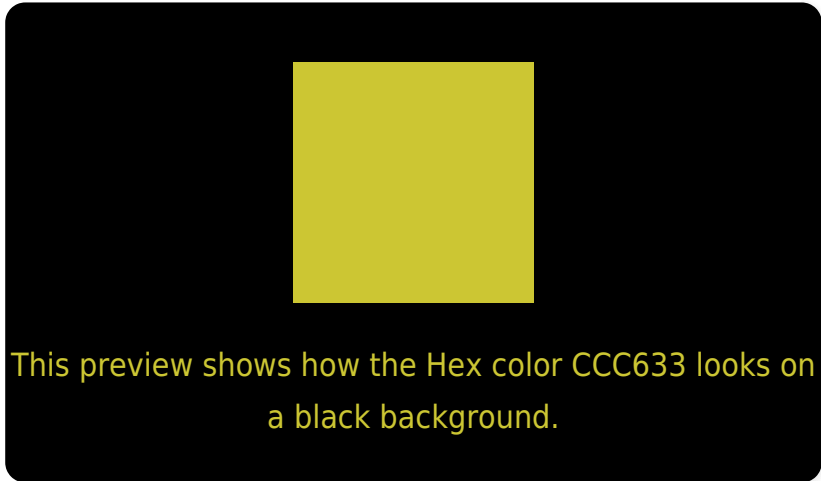
Large Text (above 18pt) WCAG AA × Fail

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 CCC633 Background



This preview shows how black text looks on a background with the Hex color CCC633.



This preview shows how white text looks on a background with the Hex color CCC633.

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
CCC633

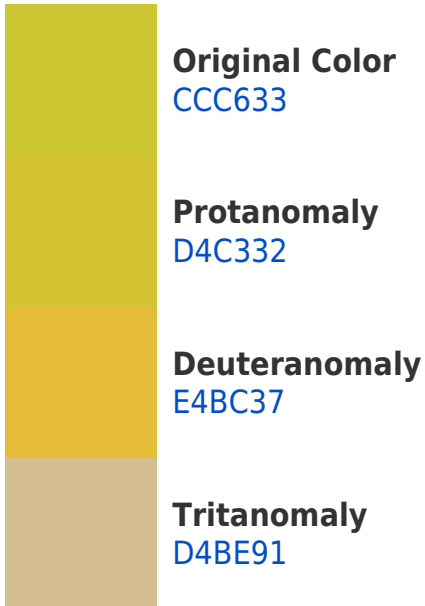
Protanopia
D9C232

Deuteranopia
F2B739



Tritanopia
D8B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCC633 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 #CCC633 looks like.

```
.text, #text, p{  
    color:#CCC633  
}
```

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 #CCC633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC633
}
```

Border

The CSS property to change the border of an element to Hex CCC633 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
#CCC633 }
```

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

```
.border{ border-color:#CCC633 }
```

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

Here you see how a box with a 4 pixel #CCC633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC633; -webkit-box-shadow:4px 4px  
4px 4px #CCC633; box-shadow:4px 4px 4px  
4px #CCC633 }
```

Background

The CSS property to change the background color of an element to Hex CCC633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC633 }
```

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

```
.background{ background-color:#CCC633 }
```

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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