

Converting Colors

Hex(CCC445)

Have a look what the booklet for
Hex(CCC445) contains.

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Color

Hex(CCC445)

Conversions

Conversions Part 1

Format	Color
Hex	CCC445
RGB	204, 196, 69
RGB Percent	80%, 77%, 27%
CMY	0.2000, 0.2314, 0.7294
CMYK	0.00, 0.04, 0.66, 0.20
HSL	56°, 57%, 54%
HSV	56°, 66%, 80%
XYZ	45.7159, 52.7469, 13.4019
YIQ	183.9140, 45.5350, -37.8010

Conversions

Conversions Part 2

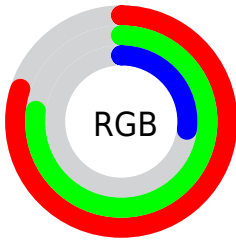
Format	Color
RYB	78, 204, 69
Decimal	13419589
CIELab	77.73, -12.23, 62.11
CIELCh	78, 63.302, 101.144
Yxy	52.7469, 0.4087, 0.4715
Android (android.graphics.Color)	4291609669 (0xFFCCC445)
YUV	183.9140, -56.6526, 17.6154
Hunter-Lab	72.6271, -14.7385, 39.8981

Details

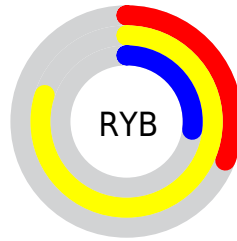
The Hex color **CCC445** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **454DCC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFFC7C**, and **938F00** is the 20% darker color. If you saturate the color by 10%, you get **CCC331**, and if you desaturate by 10%, it is **CCC559**.

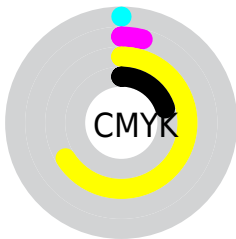
Distribution



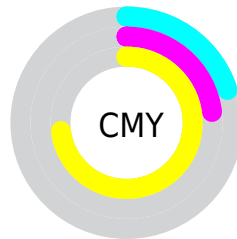
- Red (80%)
- Green (77%)
- Blue (27%)



- Red (31%)
- Yellow (80%)
- Blue (27%)



- Cyan (0%)
- Magenta (4%)
- Yellow (66%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCC445 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 CCC445 by changing the saturation by 10% instead.

 CCC445

 CCC445

FFFFFF

 AFA928

 FFFC7C

 938F00

 FFFF97

 777500

 FFFFB3

 5C5D00

 FFFF00

 414500

 FFFFED

 272F00

 0C1B00

 000000

 CCC445

 CCC445

■ CCC331

■ CCC559

■ CCC21C

■ CCC66E

■ CCC008

■ CCC882

■ CCC000

■ CCC997

■ CCCAAB

■ CCCBBF

■ CCCCD4

■ CCCEE8

■ CCCFFD

Harmonies

Analogous

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



FFB04E



CCC445



8CD263

Triad

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



CCC445



00DAFF



FF92E7

Complementary

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



CCC445



454DCC

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.



E0A8FF



CCC445



00D1FF

Square

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



CCC445



00DDD5



7DBFFF



FF8CAC

Rectangle

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



CCC445



50D885



7DBFFF



FF98FA

Sweetspot

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



CCC445



FFFCCC



CC454E



807E61



000000



808080

Same Dimension

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



CCC445



FFF336



92CC45



66655C



A69C00



262400

Inverse Universe

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



454DCC



3641FF



8045CC



5C5C66



000AA6



000226

Previews

White Background



This preview shows how the Hex color CCC445 looks on a white background.

Color Contrast Check

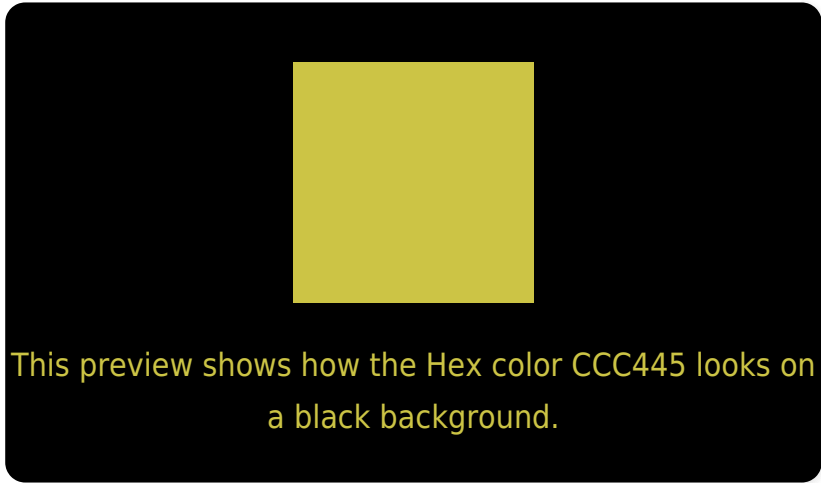
Large Text (above 18pt) WCAG AA × Fail

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 CCC445 Background



This preview shows how black text looks on a background with the Hex color CCC445.



This preview shows how white text looks on a background with the Hex color CCC445.

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
CCC445

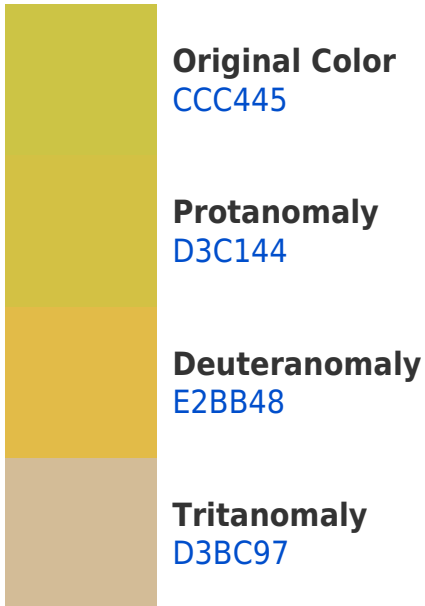
Protanopia
D7C044

Deuteranopia
EFB649



Tritanopia
D7B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCC445 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 #CCC445 looks like.

```
.text, #text, p{  
    color:#CCC445  
}
```

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 #CCC445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC445
}
```

Border

The CSS property to change the border of an element to Hex CCC445 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
#CCC445 }
```

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

```
.border{ border-color:#CCC445 }
```

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

Here you see how a box with a 4 pixel #CCC445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC445; -webkit-box-shadow:4px 4px  
4px 4px #CCC445; box-shadow:4px 4px 4px  
4px #CCC445 }
```

Background

The CSS property to change the background color of an element to Hex CCC445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC445 }
```

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

```
.background{ background-color:#CCC445 }
```

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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