

Converting Colors

Hex(CEA038)

Have a look what the booklet for
Hex(CEA038) contains.

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Color

Hex(CEA038)

Conversions

Conversions Part 1

Format	Color
Hex	CEA038
RGB	206, 160, 56
RGB Percent	81%, 63%, 22%
CMY	0.1922, 0.3725, 0.7804
CMYK	0.00, 0.22, 0.73, 0.19
HSL	42°, 60%, 51%
HSV	42°, 73%, 81%
XYZ	38.7382, 38.5489, 9.1403
YIQ	161.8980, 60.8000, -22.5920

Conversions

Conversions Part 2

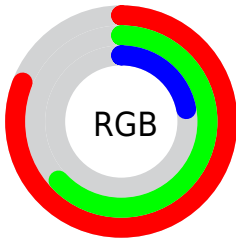
Format	Color
RYB	122, 206, 56
Decimal	13541432
CIELab	68.42, 6.82, 57.99
CIElCh	68, 58.385, 83.293
Yxy	38.5489, 0.4482, 0.4460
Android (android.graphics.Color)	4291731512 (0xFFCEA038)
YUV	161.8980, -52.2077, 38.6775
Hunter-Lab	62.0878, 2.7172, 34.7330

Details

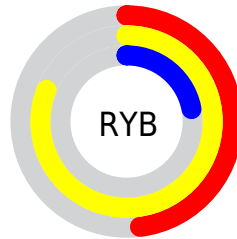
The Hex color **CEA038** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3866CE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD66D**, and **946D00** is the 20% darker color. If you saturate the color by 10%, you get **CE9A23**, and if you desaturate by 10%, it is **CEA64D**.

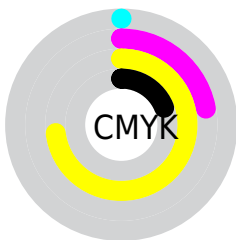
Distribution



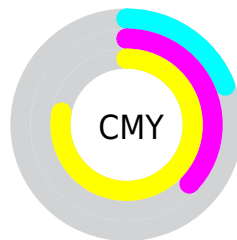
- Red (81%)
- Green (63%)
- Blue (22%)



- Red (48%)
- Yellow (81%)
- Blue (22%)



- Cyan (0%)
- Magenta (22%)
- Yellow (73%)
- Black (19%)



- Cyan (19%)
- Magenta (37%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA038 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 CEA038 by changing the saturation by 10% instead.

 CEA038

 CEA038

FFFFFF

 B0861B

 FFD66D

 946D00

 FFF388

 775500

 FFFFA3

 5B3E00

 FFFFBF

 402800

 FFFFDC

 271400

 FFFFF9

 000000

 CEA038

 CEA038

 CE9A23

 CEA64D

 CE930F

 CEAD61

 CE8F00

 CEB376

 CEB98A

 CEC09F

 CEC6B4

 CECCC8

 CED3DD

 CED9F1

Harmonies

Analogous

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



F48C53



CEA038



9BB03F

Triad

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



CEA038



00C0CF



DC88E7

Complementary

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



CEA038



3866CE

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.



959EFF



CEA038



00BCFB

Square

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



CEA038



00C099



00B0FF



FF79B5

Rectangle

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



CEA038



73B856



00B0FF



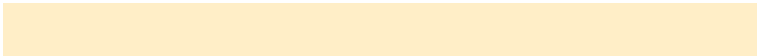
C88FF4

Sweetspot

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



CEA038



FFEEC7



CE3867



80755E



000000



808080

Same Dimension

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



CEA038



FFBB21



B3CE38



66635C



A67300



261B00

Inverse Universe

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



3866CE



2165FF



5438CE



5C5F66



0033A6



000C26

Previews

White Background



This preview shows how the Hex color CEA038 looks on a white background.

Color Contrast Check

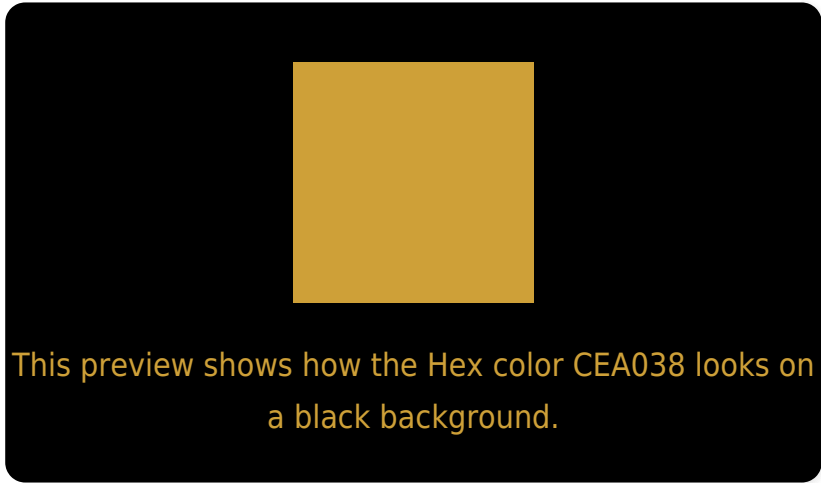
Large Text (above 18pt) WCAG AA × Fail

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 CEA038 Background



This preview shows how black text looks on a background with the Hex color CEA038.

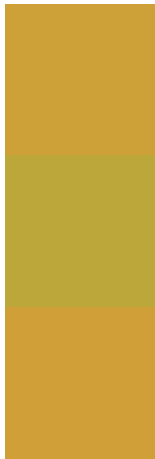


This preview shows how white text looks on a background with the Hex color CEA038.

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
CEA038

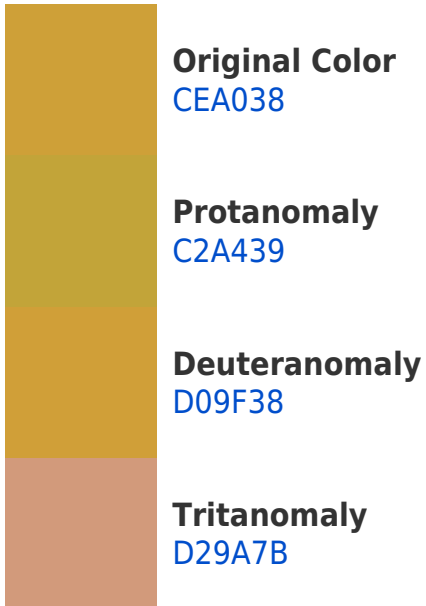
Protanopia
BBA73A

Deuteranopia
D19F38



Tritanopia
D596A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEA038 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 #CEA038 looks like.

```
.text, #text, p{  
    color:#CEA038  
}
```

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 #CEA038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA038  
}
```

Border

The CSS property to change the border of an element to Hex CEA038 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  
#CEA038 }
```

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

```
.border{ border-color:#CEA038 }
```

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

Here you see how a box with a 4 pixel #CEA038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA038; -webkit-box-shadow:4px 4px  
4px 4px #CEA038; box-shadow:4px 4px 4px  
4px #CEA038 }
```

Background

The CSS property to change the background color of an element to Hex CEA038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA038 }
```

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

```
.background{ background-color:#CEA038 }
```

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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