

Converting Colors

Hex(CEAF52)

Have a look what the booklet for
Hex(CEAF52) contains.

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Color

Hex(CEAF52)

Conversions

Conversions Part 1

Format	Color
Hex	CEAF52
RGB	206, 175, 82
RGB Percent	81%, 69%, 32%
CMY	0.1922, 0.3137, 0.6784
CMYK	0.00, 0.15, 0.60, 0.19
HSL	45°, 56%, 56%
HSV	45°, 60%, 81%
XYZ	42.3066, 44.3910, 14.3212
YIQ	173.6670, 48.3290, -22.3510

Conversions

Conversions Part 2

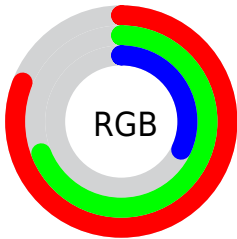
Format	Color
RYB	123, 206, 82
Decimal	13545298
CIELab	72.49, 0.34, 50.86
CIELCh	72, 50.857, 89.612
Yxy	44.3910, 0.4188, 0.4394
Android (android.graphics.Color)	4291735378 (0xFFCEAF52)
YUV	173.6670, -45.1918, 28.3560
Hunter-Lab	66.6265, -3.2524, 33.8944

Details

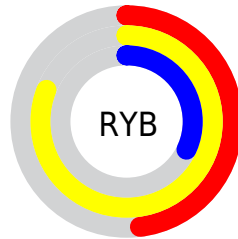
The Hex color **CEAF52** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5271CE**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE686**, and **957B1E** is the 20% darker color. If you saturate the color by 10%, you get **CEAA3D**, and if you desaturate by 10%, it is **CEB467**.

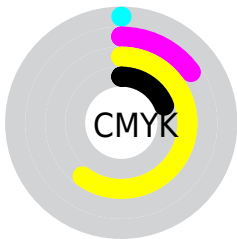
Distribution



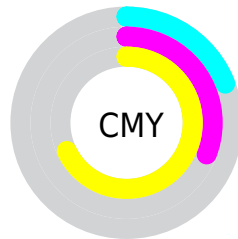
- Red (81%)
- Green (69%)
- Blue (32%)



- Red (48%)
- Yellow (81%)
- Blue (32%)



- Cyan (0%)
- Magenta (15%)
- Yellow (60%)
- Black (19%)



- Cyan (19%)
- Magenta (31%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA52 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 CEA52 by changing the saturation by 10% instead.



CEAF52



CEAF52

FFFFFF



B19538



FFE686



957B1E



FFFFA1



796200



FFFFBD



5E4B00



FFFFDA



443400



FFFFF6



2A1F00



0E0800



000000



CEAF52



CEAF52

 CEA3D

 CEB467

 CEA529

 CEB97B

 CEA014

 CEBE90

 CE9B00

 CEC4A4

 CEC9B9

 CECECE

 CED3E2

 CED8F7

 CEDDFF

Harmonies

Analogous

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



F39E62



CEAF52



9FBD5E

Triad

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



CEAF52



00C9DE



EB94E2

Complementary

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



CEAF52



5271CE

Split Complementary

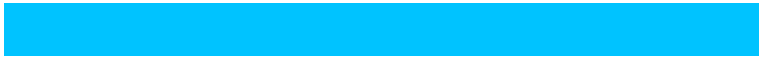
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B4A6FF



CEAF52



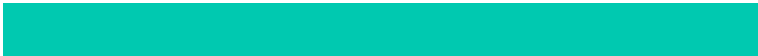
00C3FF

Square

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



CEAF52



00C9B0



5DB7FF



FF8BB4

Rectangle

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



CEAF52



7AC373



5DB7FF



DB9AEF

Sweetspot

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



CEAF52



FFF4D1



CE5271



807863



000000



808080

Same Dimension

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



CEAF52



FFD147



AFCE52



66635C



A67C00



261D00

Inverse Universe

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



5271CE



4775FF



7152CE



5C5E66



0029A6



000A26

Previews

White Background



This preview shows how the Hex color CEAF52 looks on a white background.

Color Contrast Check

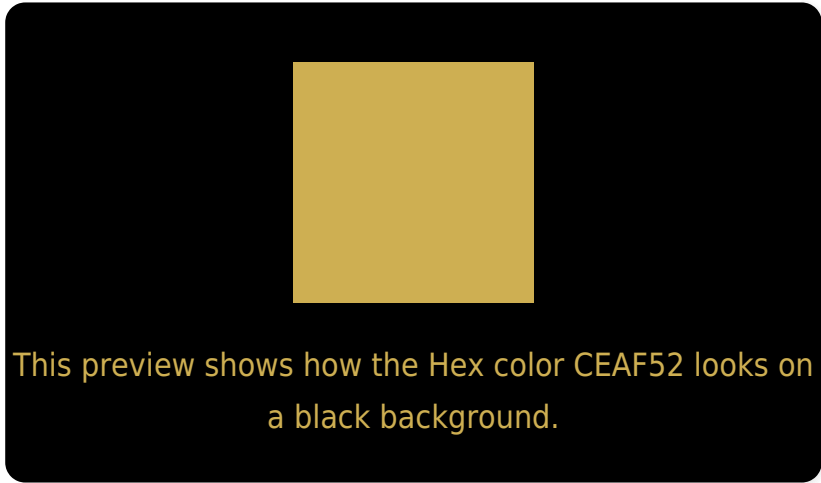
Large Text (above 18pt) WCAG AA × Fail

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 CEA52 Background



This preview shows how black text looks on a background with the Hex color CEA52.

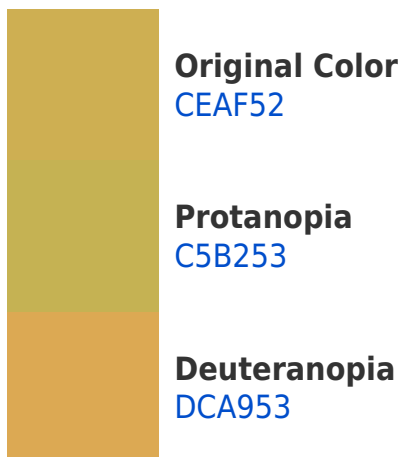


This preview shows how white text looks on a background with the Hex color CEA52.

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](#).

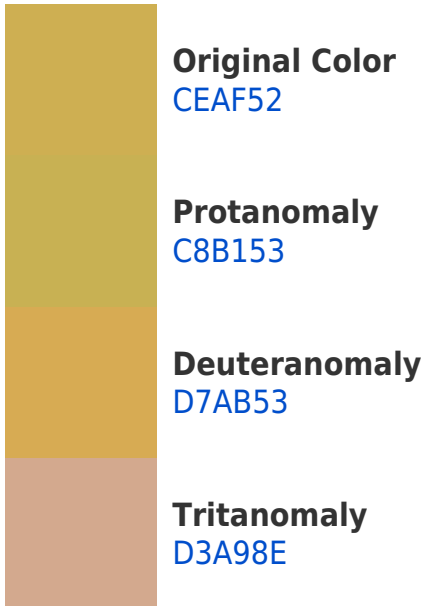
Dichromacy





Tritanopia
D6A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEAF52 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 #CEAF52 looks like.

```
.text, #text, p{  
    color:#CEAF52  
}
```

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 #CEAF52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAF52
}
```

Border

The CSS property to change the border of an element to Hex CEAF52 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
#CEAF52 }
```

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

```
.border{ border-color:#CEAF52 }
```

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

Here you see how a box with a 4 pixel #CEAF52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAF52; -webkit-box-shadow:4px 4px  
4px 4px #CEAF52; box-shadow:4px 4px 4px  
4px #CEAF52 }
```

Background

The CSS property to change the background color of an element to Hex CEAF52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAF52 }
```

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

```
.background{ background-color:#CEAF52 }
```

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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