

# Converting Colors

Hex(CABE73)

Have a look what the booklet for  
Hex(CABE73) contains.

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# **Color**

**Hex(CABE73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CABE73
RGB	202, 190, 115
RGB Percent	79%, 75%, 45%
CMY	0.2078, 0.2549, 0.5490
CMYK	0.00, 0.06, 0.43, 0.21
HSL	52°, 45%, 62%
HSV	52°, 43%, 79%
XYZ	45.8651, 50.6213, 23.5732
YIQ	185.0380, 31.2270, -20.7810

# Conversions

## Conversions Part 2

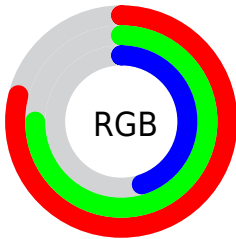
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 202, 115
Decimal	13287027
CIELab	76.45, -6.31, 39.30
CIElCh	76, 39.805, 99.118
Yxy	50.6213, 0.3820, 0.4216
Android (android.graphics.Color)	4291477107 (0xFFCABE73)
YUV	185.0380, -34.5287, 14.8757
Hunter-Lab	71.1486, -9.4423, 30.1599

# Details

The Hex color **CABE73** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **737FCA**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF6A8**, and **928941** is the 20% darker color. If you saturate the color by 10%, you get **CABB5F**, and if you desaturate by 10%, it is **CAC187**.

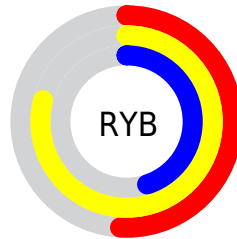
# Distribution



Red (79%)

Green (75%)

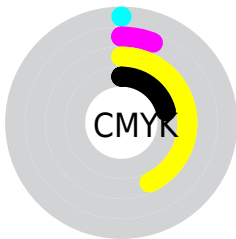
Blue (45%)



Red (51%)

Yellow (79%)

Blue (45%)

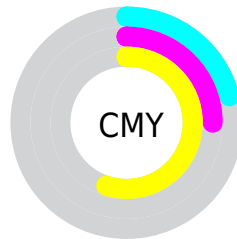


Cyan (0%)

Magenta (6%)

Yellow (43%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAFE73 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 CAFE73 by changing the saturation by 10% instead.



 CABE73

 CABE73

FFFFFF

 AEA35A

 FFF6A8

 928941

 FFFFC4

 777029

 FFFFFE0


 5D570F

FFFFFFD

 444000

 2C2A00

 121700

 000000

 CABE73

 CABE73

 CABB5F

 CAC187

 CAB84B

 CAC49B

 CAB636

 CAC6B0

 CAB322

 CAC9C4

 CAB00E

 CACCD8

 CAAE00

 CACFEC

 CAD2FF

 CAD4FF

 CAD7FF

# Harmonies

## Analogous

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



EBB178



CABE73



A2C882

# Triad

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



CABE73



26CEEA



F4A4D8

# Complementary

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



CABE73



737FCA

# 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.



CFAFF6



CABE73



5BC7FF

# Square

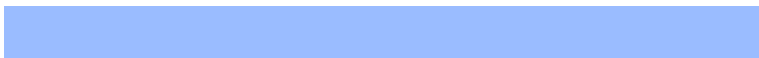
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CABE73



42D0C7



9ABCFF



FFA0B3

# Rectangle

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



CABE73



84CD96



9ABCFF



EAA7E3



# Sweetspot

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



CABE73



FFFADE



CA7380



807D6B



000000



808080



# Same Dimension

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



CABE73



FFED7A



ACCA73



66655C



A68F00



262100



# Inverse Universe

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



737FCA



7A8DFF



9173CA



5C5D66



0017A6



000526



# Previews

## White Background



This preview shows how the Hex color CABE73 looks on a white background.

## Color Contrast Check

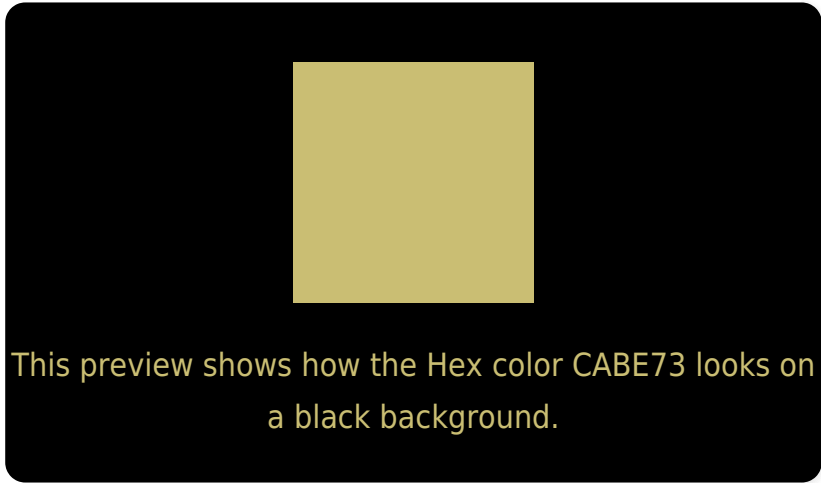
Large Text (above 18pt) WCAG AA × Fail

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

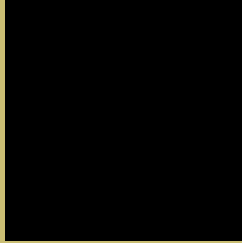
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAFE73 Background



This preview shows how black text looks on a background with the Hex color CAFE73.



This preview shows how white text looks on a background with the Hex color CAFE73.

# 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**  
CABE73

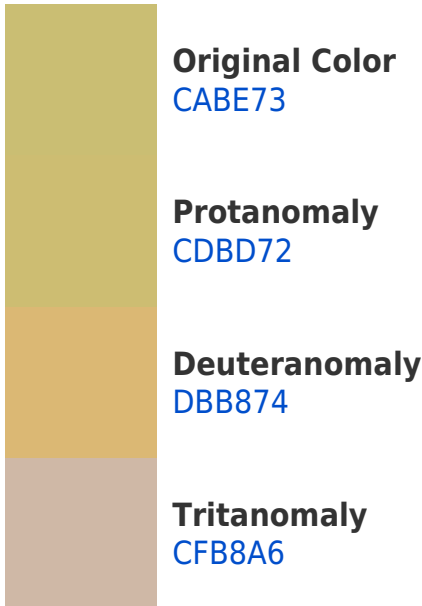
**Protanopia**  
CEBD72

**Deuteranopia**  
E4B475

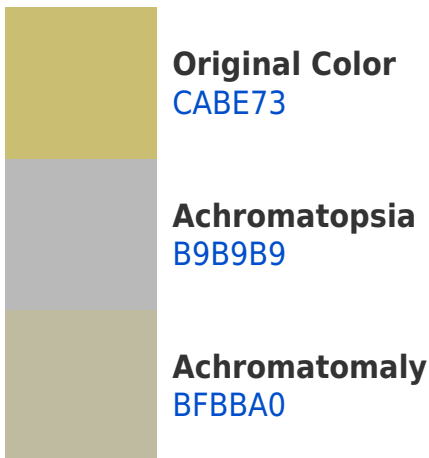


**Tritanopia**  
D2B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CABE73 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 #CABE73 looks like.

```
.text, #text, p{  
    color:#CABE73  
}
```

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 #CABE73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CABE73  
}
```

## Border

The CSS property to change the border of an element to Hex CABE73 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  
#CABE73 }
```

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

```
.border{ border-color:#CABE73 }
```

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

Here you see how a box with a 4 pixel #CABE73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CABE73; -webkit-box-shadow:4px 4px  
4px 4px #CABE73; box-shadow:4px 4px 4px  
4px #CABE73 }
```

# Background

The CSS property to change the background color of an element to Hex CAFE73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAFE73 }
```

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

```
.background{ background-color:#CAFE73 }
```

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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