

# Converting Colors

Hex(CACE64)

Have a look what the booklet for  
Hex(CACE64) contains.

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# **Color**

**Hex(CACE64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CACE64
RGB	202, 206, 100
RGB Percent	79%, 81%, 39%
CMY	0.2078, 0.1922, 0.6078
CMYK	0.02, 0.00, 0.51, 0.19
HSL	62°, 52%, 60%
HSV	62°, 51%, 81%
XYZ	48.7287, 57.6193, 20.6099
YIQ	192.7200, 31.6420, -33.8140

# Conversions

## Conversions Part 2

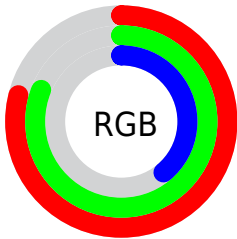
Format	Color
<a href="#">RYB</a>	<a href="#">100, 206, 104</a>
Decimal	<a href="#">13291108</a>
CIELab	<a href="#">80.53, -15.89, 51.59</a>
CIElCh	<a href="#">81, 53.982, 107.115</a>
Yxy	<a href="#">57.6193, 0.3838, 0.4538</a>
Android (android.graphics.Color)	<a href="#">4291481188 (0xFFCACE64)</a>
YUV	<a href="#">192.7200, -45.7110, 8.1386</a>
Hunter-Lab	<a href="#">75.9074, -18.2499, 37.0371</a>

# Details

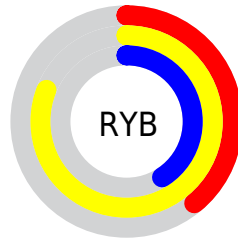
The Hex color **CACE64** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6864CE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF9A**, and **929830** is the 20% darker color. If you saturate the color by 10%, you get **C9CE4F**, and if you desaturate by 10%, it is **CBCE79**.

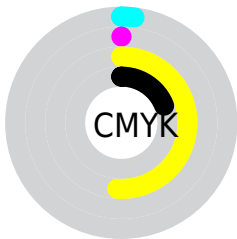
# Distribution



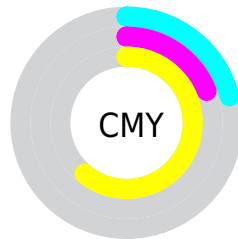
- Red (79%)
- Green (81%)
- Blue (39%)



- Red (39%)
- Yellow (81%)
- Blue (41%)



- Cyan (2%)
- Magenta (0%)
- Yellow (51%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CACE64 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 CACE64 by changing the saturation by 10% instead.



 CACE64

 CACE64

FFFFFF

 AEB34A

 FFFF9A

 929830

 FFFFB5

 767E12

 FFFFFD1

 5C6500

 FFFFFEE

 434D00

 293700

 0F2100

 000400

 000000

 CACE64

 CACE64

 C9CE4F

 CBCE79

 C8CE3B

 CCCE8D

 C8CE26

 CCCEA2

 C7CE12

 CDCEB6

 C6CE00

 CECECB

 CFCEE0

 CFCEF4

 D0CEFF

 D1CEFF

# Harmonies

## Analogous

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



F9BD64



CACE64



91DA81

# Triad

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



CACE64



00DEFF



FFA1E0

# Complementary

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



CACE64



6864CE

# 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.



F1AFFF



CACE64



2DD3FF

# Square

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



CACE64



00E2E4



A9C3FF



FF9FAD

# Rectangle

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



CACE64



60DF9F



A9C3FF



FFA4F0



# Sweetspot

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



CACE64



FEFFD9



CE6864



7F8069



000000



808080



# Same Dimension

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



CACE64



F9FF61



95CE64



66665C



9FA600



252600



# Inverse Universe

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



6864CE



6761FF



9D64CE



5C5C66



0600A6



010026



# Previews

## White Background



This preview shows how the Hex color CACE64 looks on a white background.

## Color Contrast Check

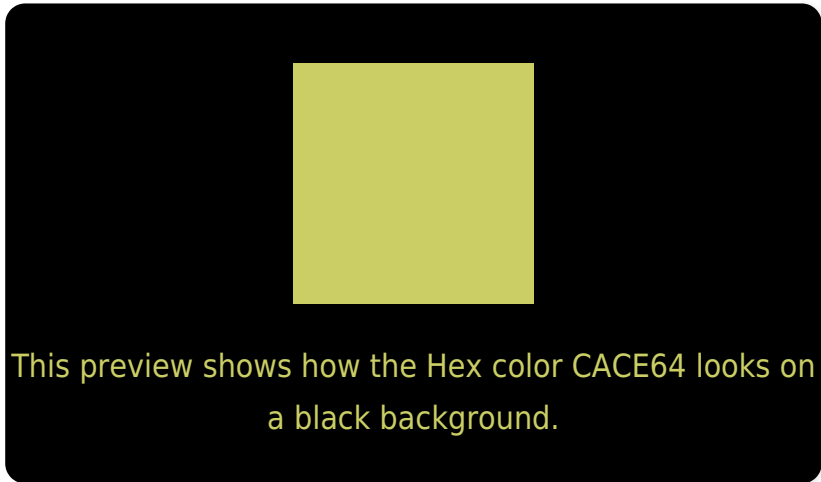
Large Text (above 18pt) WCAG AA × Fail

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 CACE64 Background



This preview shows how black text looks on a background with the Hex color CACE64.

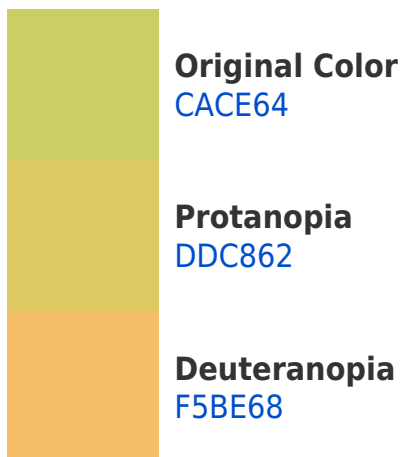


This preview shows how white text looks on a background with the Hex color CACE64.

# 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](#).

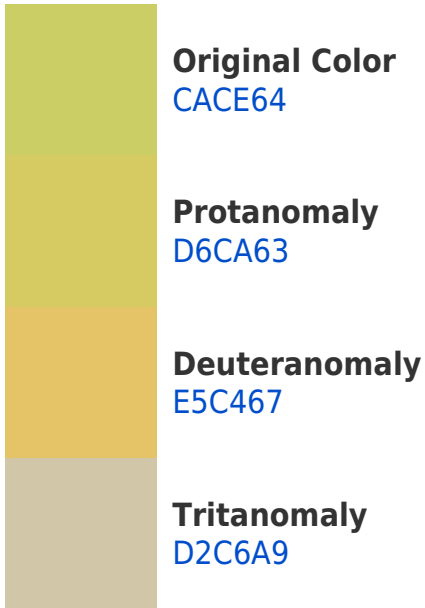
## Dichromacy



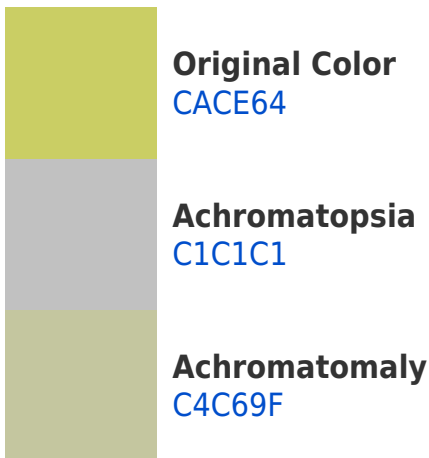


**Tritanopia**  
D6C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CACE64 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 #CACE64 looks like.

```
.text, #text, p{  
    color:#CACE64  
}
```

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 #CACE64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CACE64
}
```

## Border

The CSS property to change the border of an element to Hex CACE64 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
#CACE64 }
```

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

```
.border{ border-color:#CACE64 }
```

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

Here you see how a box with a 4 pixel #CACE64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CACE64; -webkit-box-shadow:4px 4px  
4px 4px #CACE64; box-shadow:4px 4px 4px  
4px #CACE64 }
```

# Background

The CSS property to change the background color of an element to Hex CACE64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CACE64 }
```

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

```
.background{ background-color:#CACE64 }
```

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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