

# Converting Colors

Hex(CACECE)

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

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# **Color**

**Hex(CACECE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CACECE
RGB	202, 206, 206
RGB Percent	79%, 81%, 81%
CMY	0.2078, 0.1922, 0.1922
CMYK	0.02, 0.00, 0.00, 0.19
HSL	180°, 4%, 80%
HSV	180°, 2%, 81%
XYZ	57.5690, 61.1554, 67.1625
YIQ	204.8040, -2.3840, -0.8480

# Conversions

## Conversions Part 2

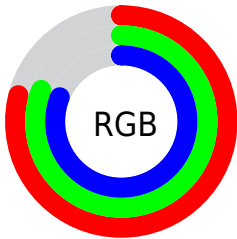
Format	Color
RYP	202, 204, 206
Decimal	13291214
CIELab	82.46, -1.36, -0.49
CIElCh	82, 1.445, 199.688
Yxy	61.1554, 0.3097, 0.3290
Android (android.graphics.Color)	4291481294 (0xFFCACECE)
YUV	204.8040, 0.5896, -2.4591
Hunter-Lab	78.2019, -5.4491, 3.8211

# Details

The Hex color **CACECE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CECACA**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFFF**, and **949898** is the 20% darker color. If you saturate the color by 10%, you get **B5CECE**, and if you desaturate by 10%, it is **DFCECE**.

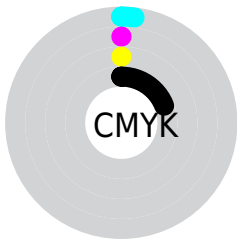
# Distribution



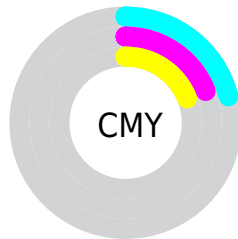
- Red (79%)
- Green (81%)
- Blue (81%)



- Red (79%)
- Yellow (80%)
- Blue (81%)



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



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

# Brightness & Saturation Gradients

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



■ CACECE

FFFFFF

■ CACECE

■ AFB3B3

■ 949898

■ 7A7E7E

■ 616565

■ 4A4D4D

■ 333636

■ 1E2121

■ 050A0A

■ 000000

 CACECE

 CACECE

 B5CECE

 DFCECE

 A1CECE

 F3CECE

 8CCECE

 FFCECE

 78CECE

 63CECE

 4ECECE

 3ACECE

 25CECE

 11CECE

# Harmonies

## Analogous

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



CBCECD



CACECE



CACECF

# Triad

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



CACECE



CFCD CF



CFCD CB

# Complementary

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



CACECE



CECACA

# 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.



D0CDCB



CACECE



D0CCCE

# Square

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



CACECE



CDCDDO



D0CCCC



CDCDCB

# Rectangle

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



CACECE



CBCED0



D0CCCC



CFCDCE



# Sweetspot

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



CACECE



FCFFFF



CACECA



7E8080



000000



808080



# Same Dimension

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



CACECE



FAFFFF



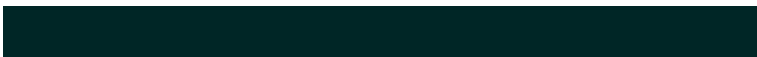
CACCCE



646666



00A6A6



002626



# Inverse Universe

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



CECACE



FFFAFF



CECCCA



666466



A600A6

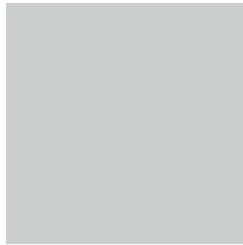


260026



# Previews

## White Background



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

## Color Contrast Check

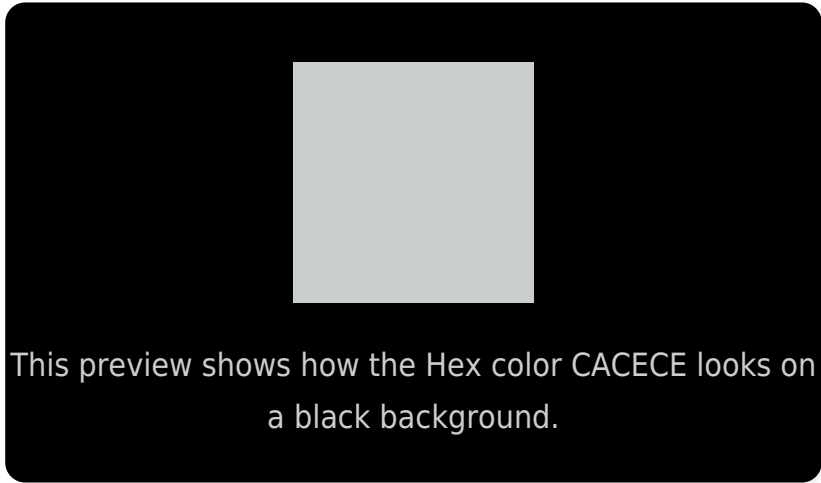
Large Text (above 18pt) WCAG AA × Fail

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

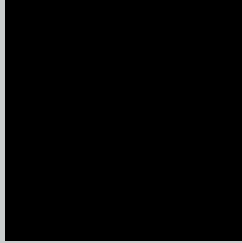
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

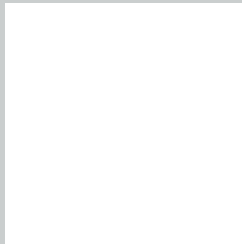
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CACECE Background



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

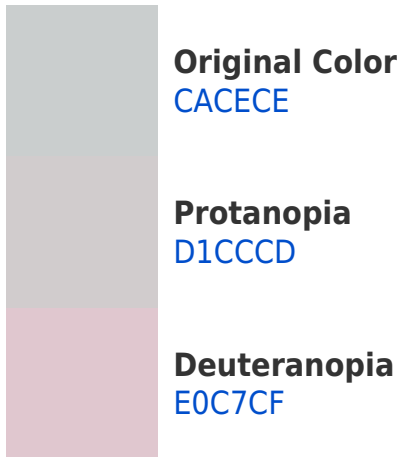


This preview shows how white text looks on a background with the Hex color CACECE.

# 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





# Trichromacy



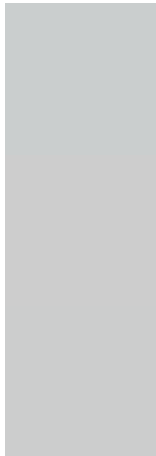
**Original Color**  
CACECE

**Protanomaly**  
CECDCD

**Deuteranomaly**  
D8CACF

**Tritanomaly**  
CBCDD7

# Monochromacy



**Original Color**  
CACECE

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
CCDCDC

# CSS Examples

## Text

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

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

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 #CACECE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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