

Converting Colors

Hex(CACC53)

Have a look what the booklet for
Hex(CACC53) contains.

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Color

Hex(CACC53)

Conversions

Conversions Part 1

Format	Color
Hex	CACC53
RGB	202, 204, 83
RGB Percent	79%, 80%, 33%
CMY	0.2078, 0.2000, 0.6745
CMYK	0.01, 0.00, 0.59, 0.20
HSL	61°, 54%, 56%
HSV	61°, 59%, 80%
XYZ	47.5113, 56.3668, 16.5594
YIQ	189.6080, 37.6490, -38.0550

Conversions

Conversions Part 2

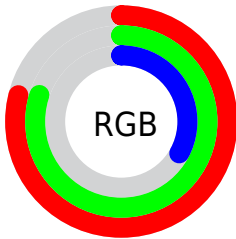
Format	Color
R _Y B	83, 204, 85
Decimal	13290579
CIE Lab	79.82, -16.21, 58.45
CIE LCh	80, 60.661, 105.499
Yxy	56.3668, 0.3945, 0.4680
Android (android.graphics.Color)	4291480659 (0xFFCACC53)
YUV	189.6080, -52.5577, 10.8678
Hunter-Lab	75.0778, -18.4265, 39.4773

Details

The Hex color **CACC53** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5553CC**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF89**, and **91961A** is the 20% darker color. If you saturate the color by 10%, you get **CACC3F**, and if you desaturate by 10%, it is **CACC67**.

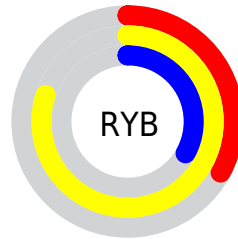
Distribution



Red (79%)

Green (80%)

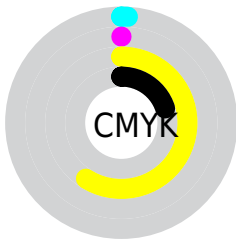
Blue (33%)



Red (33%)

Yellow (80%)

Blue (33%)

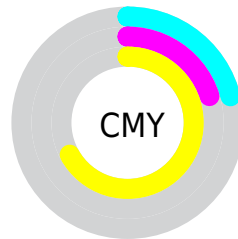


Cyan (1%)

Magenta (0%)

Yellow (59%)

Black (20%)



Cyan (21%)

Magenta (20%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CACC53 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 CACC53 by changing the saturation by 10% instead.

 CACC53

 CACC53

FFFFFF

 ADB138

 FFFF89

 91961A

 FFFFA5

 767C00

 FFFFC1

 5B6300

 FFFFDD

 414C00

 FFFFFB

 263500

 0C2000

 000000

 CACC53

 CACC53

 CACC3F

 CACC67

 C9CC2A

 CBCC7C

 C9CC16

 CBCC90

 C9CC01

 CBCCA5

 C9CC00

 CCCCB9

 CCCCCD

 CCCCE2

 CDCCF6

 CDCCFF

Harmonies

Analogous

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



FDB956



CACC53



8AD973

Triad

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



CACC53



00DEFF



FF99E4

Complementary

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



CACC53



5553CC

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.



EFABFF



CACC53



00D4FF

Square

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



CACC53



00E2E2



9AC2FF



FF96AB

Rectangle

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



CACC53



4EDF95



9AC2FF



FF9EF6

Sweetspot

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



CACC53



FEFFD1



CC5353



7F8063



000000



808080

Same Dimension

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



CACC53



FCFF4A



90CC53



66665C



A3A600



262600

Inverse Universe

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



5553CC



4D4AFF



9053CC



5C5C66



0300A6



010026

Previews

White Background



This preview shows how the Hex color CACC53 looks on a white background.

Color Contrast Check

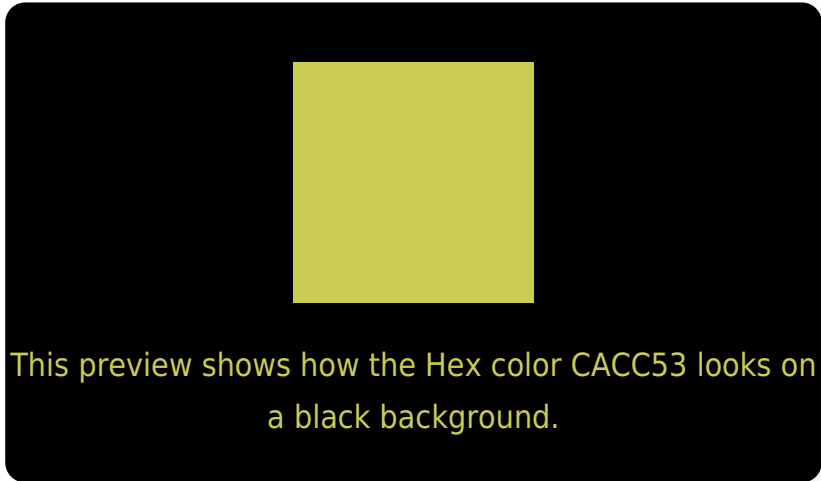
Large Text (above 18pt) WCAG AA × Fail

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

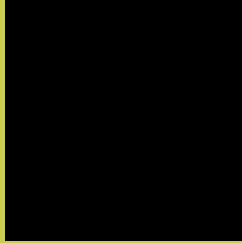
Any Text WCAG AA ✓ Pass

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 CACC53 Background



This preview shows how black text looks on a background with the Hex color CACC53.

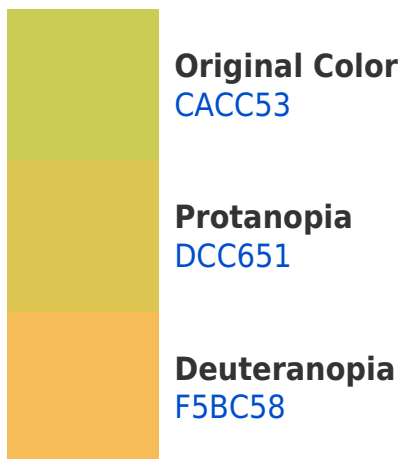


This preview shows how white text looks on a background with the Hex color CACC53.

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](#).

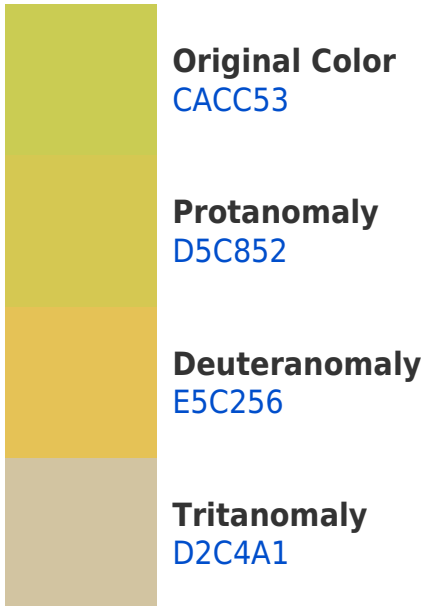
Dichromacy



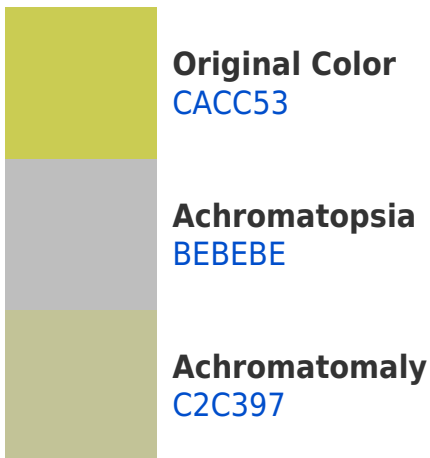


Tritanopia
D6BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CACC53 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 #CACC53 looks like.

```
.text, #text, p{  
    color:#CACC53  
}
```

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 #CACC53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CACC53
}
```

Border

The CSS property to change the border of an element to Hex CACC53 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
#CACC53 }
```

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

```
.border{ border-color:#CACC53 }
```

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

Here you see how a box with a 4 pixel #CACC53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CACC53; -webkit-box-shadow:4px 4px  
4px 4px #CACC53; box-shadow:4px 4px 4px  
4px #CACC53 }
```

Background

The CSS property to change the background color of an element to Hex CACC53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CACC53 }
```

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

```
.background{ background-color:#CACC53 }
```

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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