

Converting Colors

Hex(DCAA58)

Have a look what the booklet for
Hex(DCAA58) contains.

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Color

Hex(DCAA58)

Conversions

Conversions Part 1

Format	Color
Hex	DCAA58
RGB	220, 170, 88
RGB Percent	86%, 67%, 35%
CMY	0.1373, 0.3333, 0.6549
CMYK	0.00, 0.23, 0.60, 0.14
HSL	37°, 65%, 60%
HSV	37°, 60%, 86%
XYZ	45.6514, 44.6697, 15.4485
YIQ	175.6020, 56.1220, -14.9020

Conversions

Conversions Part 2

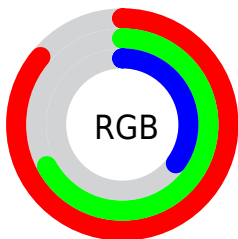
Format	Color
RYB	168, 220, 88
Decimal	14461528
CIELab	72.67, 9.35, 48.57
CIELCh	73, 49.465, 79.099
Yxy	44.6697, 0.4316, 0.4223
Android (android.graphics.Color)	4292651608 (0xFFDCAA58)
YUV	175.6020, -43.1878, 38.9370
Hunter-Lab	66.8354, 4.9611, 33.0803

Details

The Hex color **DCAA58** 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 **588ADC**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE18C**, and **A27625** is the 20% darker color. If you saturate the color by 10%, you get **DCA242**, and if you desaturate by 10%, it is **DCB26E**.

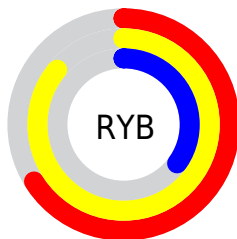
Distribution



Red (86%)

Green (67%)

Blue (35%)



Red (66%)

Yellow (86%)

Blue (35%)

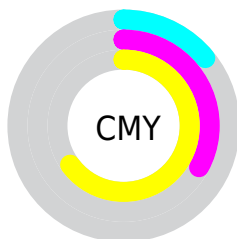


Cyan (0%)

Magenta (23%)

Yellow (60%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAA58 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 DCAA58 by changing the saturation by 10% instead.

 DCAA58

 DCAA58

FFFFFF

 BF903F

 FFE18C

 A27625

 FFFEA7

 855D07

 FFFFC3

 6A4600

 FFFFDF

 4F3000

 FFFFFC

 341B00

 1D0200

 000000

 DCAA58

 DCAA58

 DCA242

 DCB26E

 DC992C

 DCBB84

 DC9116

 DCC39A

 DC8900

 DCCBB0

 DCD4C6

 DCDCDC

 DCE4F2

 DCEDFF

 DCF5FF

Harmonies

Analogous

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



FB9A70



DCAA58



B1B95A

Triad

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



DCAA58



00C9CE



DA9BEE

Complementary

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



DCAA58



588ADC

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.



9CADFF



DCAA58



00C5F6

Square

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



DCAA58



2EC9A0



35BCFF



FE8FC5

Rectangle

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



DCAA58



90C06A



35BCFF



C8A1F9

Sweetspot

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



DCAA58



FFED1



DC588B



807563



000000



808080

Same Dimension

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



DCAA58



FFB947



CDDC58



6E6963



AD6C00



2E1D00

Inverse Universe

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



588ADC



478DFF



6758DC



63676E



0042AD



00112E

Previews

White Background



This preview shows how the Hex color DCAA58 looks on a white background.

Color Contrast Check

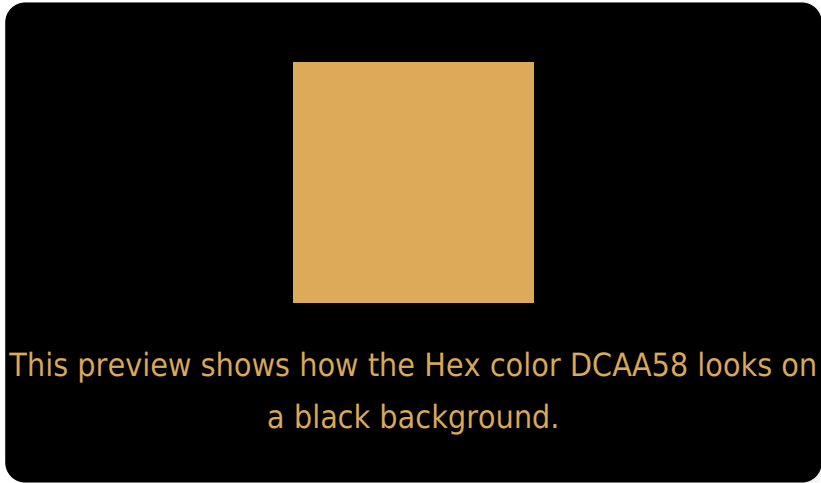
Large Text (above 18pt) WCAG AA × Fail

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 DCAA58 Background



This preview shows how black text looks on a background with the Hex color DCAA58.

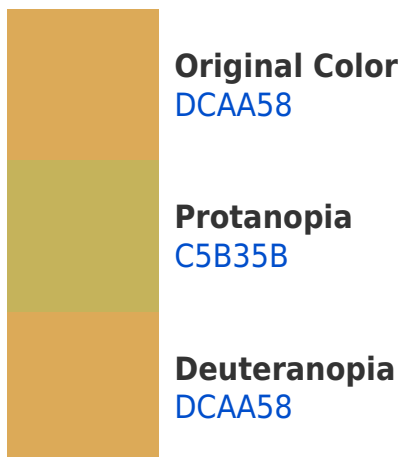


This preview shows how white text looks on a background with the Hex color DCAA58.

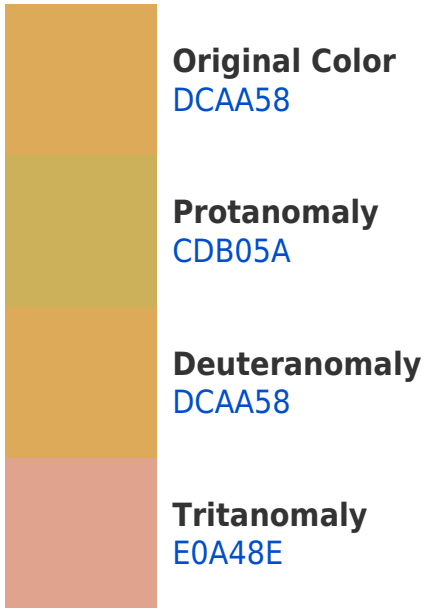
Color Blindness Simulation

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](#).

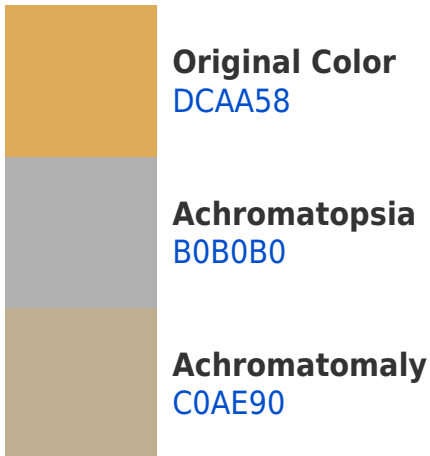
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCAA58 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 #DCAA58 looks like.

```
.text, #text, p{  
    color:#DCAA58  
}
```

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 #DCAA58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAA58
}
```

Border

The CSS property to change the border of an element to Hex DCAA58 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
#DCAA58 }
```

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

```
.border{ border-color:#DCAA58 }
```

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

Here you see how a box with a 4 pixel #DCAA58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAA58; -webkit-box-shadow:4px 4px  
4px 4px #DCAA58; box-shadow:4px 4px 4px  
4px #DCAA58 }
```

Background

The CSS property to change the background color of an element to Hex DCAA58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAA58 }
```

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

```
.background{ background-color:#DCAA58 }
```

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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