

Converting Colors

Hex(DCA534)

Have a look what the booklet for
Hex(DCA534) contains.

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Color

Hex(DCA534)

Conversions

Conversions Part 1

Format	Color
Hex	DCA534
RGB	220, 165, 52
RGB Percent	86%, 65%, 20%
CMY	0.1373, 0.3529, 0.7961
CMYK	0.00, 0.25, 0.76, 0.14
HSL	40°, 71%, 53%
HSV	40°, 76%, 86%
XYZ	43.5902, 42.3738, 9.1303
YIQ	168.5630, 69.0530, -23.4830

Conversions

Conversions Part 2

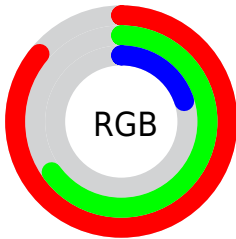
Format	Color
RYB	134, 220, 52
Decimal	14460212
CIELab	71.13, 10.03, 62.68
CIELCh	71, 63.479, 80.906
Yxy	42.3738, 0.4584, 0.4456
Android (android.graphics.Color)	4292650292 (0xFFDCA534)
YUV	168.5630, -57.4656, 45.1102
Hunter-Lab	65.0952, 5.6137, 37.2505

Details

The Hex color **DCA534** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **346BDC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDC6A**, and **A07100** is the 20% darker color. If you saturate the color by 10%, you get **DC9E1E**, and if you desaturate by 10%, it is **DCAC4A**.

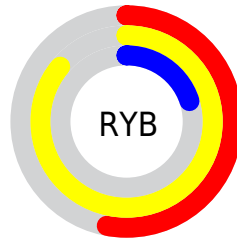
Distribution



Red (86%)

Green (65%)

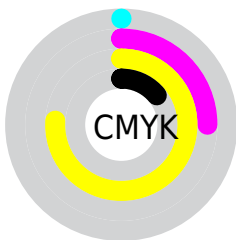
Blue (20%)



Red (53%)

Yellow (86%)

Blue (20%)

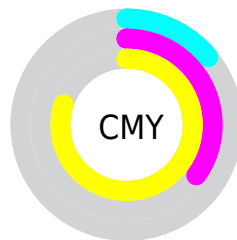


Cyan (0%)

Magenta (25%)

Yellow (76%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCA534 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 DCA534 by changing the saturation by 10% instead.

 DCA534

 DCA534

FFFFFF

 BE8B14

 FFDC6A

 A07100

 FFF885

 835900


 FFFFA1

 674200

 FFFFBD

 4B2C00

 FFFFDA

 311800

 FFFFF7

 190000

 000000

 DCA534

 DCA534

 DC9E1E

 DCAC4A

 DC9708

 DCB360

 DC9400

 DCBB76

 DCC28C

 DCC9A2

 DCD0B8

 DCD7CE

 DCDFE4

 DCE6FA

Harmonies

Analogous

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



FF8E56



DCA534



A6B739

Triad

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



DCA534



00CAD6



E38EF8

Complementary

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



DCA534



346BDC

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.



90A6FF



DCA534



00C5FF

Square

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



DCA534



00C99A



00BAFF



FF7BC2

Rectangle

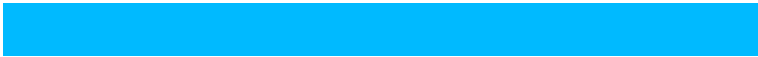
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCA534



7AC051



00BAFF



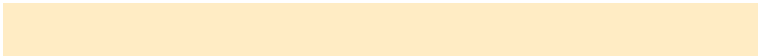
CD96FF

Sweetspot

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



DCA534



FFECC4



DC346C



80745C



000000



808080

Same Dimension

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



DCA534



FFB214



C0DC34



6E6A63



AD7500



2E1F00

Inverse Universe

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



346BDC



1461FF



5034DC



63666E



0039AD



000F2E

Previews

White Background



This preview shows how the Hex color DCA534 looks on a white background.

Color Contrast Check

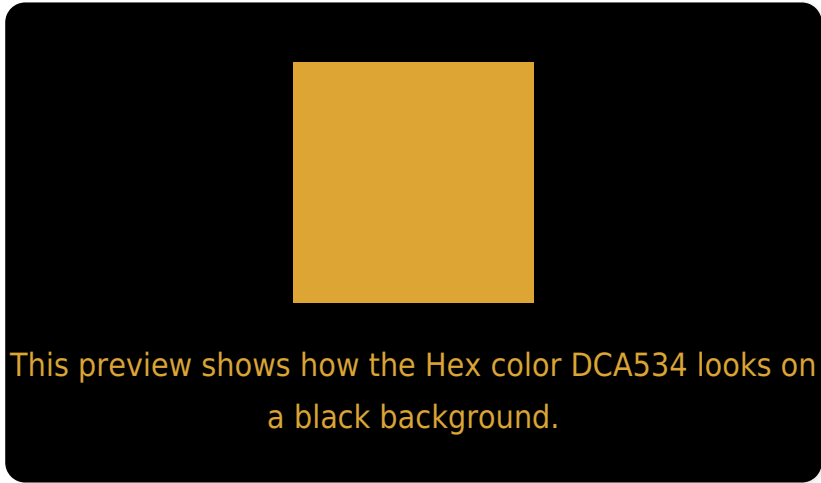
Large Text (above 18pt) WCAG AA × Fail

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 DCA534 Background



This preview shows how black text looks on a background with the Hex color DCA534.



This preview shows how white text looks on a background with the Hex color DCA534.

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
DCA534

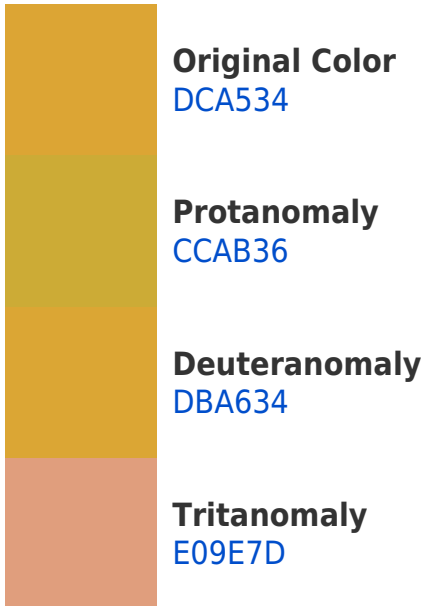
Protanopia
C3AF37

Deuteranopia
DBA634

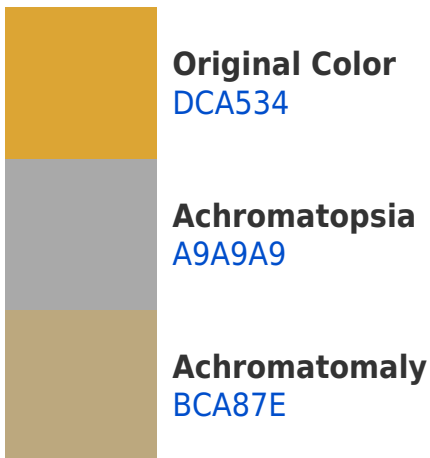


Tritanopia
E39AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCA534 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 #DCA534 looks like.

```
.text, #text, p{  
    color:#DCA534  
}
```

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 #DCA534 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA534
}
```

Border

The CSS property to change the border of an element to Hex DCA534 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
#DCA534 }
```

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

```
.border{ border-color:#DCA534 }
```

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

Here you see how a box with a 4 pixel #DCA534 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA534; -webkit-box-shadow:4px 4px  
4px 4px #DCA534; box-shadow:4px 4px 4px  
4px #DCA534 }
```

Background

The CSS property to change the background color of an element to Hex DCA534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA534 }
```

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

```
.background{ background-color:#DCA534 }
```

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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