

Converting Colors

Hex(DCAF18)

Have a look what the booklet for
Hex(DCAF18) contains.

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Color

Hex(DCAF18)

Conversions

Conversions Part 1

Format	Color
Hex	DCAF18
RGB	220, 175, 24
RGB Percent	86%, 69%, 9%
CMY	0.1373, 0.3137, 0.9059
CMYK	0.00, 0.20, 0.89, 0.14
HSL	46°, 80%, 48%
HSV	46°, 89%, 86%
XYZ	45.0100, 45.9415, 7.3595
YIQ	171.2410, 75.2910, -37.4210

Conversions

Conversions Part 2

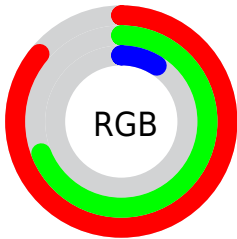
Format	Color
R_{YB}	82, 220, 24
Decimal	14462744
CIE _{Lab}	73.51, 3.92, 72.85
CIE _{LCh}	74, 72.960, 86.921
Yxy	45.9415, 0.4578, 0.4673
Android (android.graphics.Color)	4292652824 (0xFFDCAF18)
YUV	171.2410, -72.5898, 42.7616
Hunter-Lab	67.7802, -0.0808, 41.0085

Details

The Hex color **DCAF18** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1845DC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE658**, and **A07B00** is the 20% darker color. If you saturate the color by 10%, you get **DCAA02**, and if you desaturate by 10%, it is **DCB42E**.

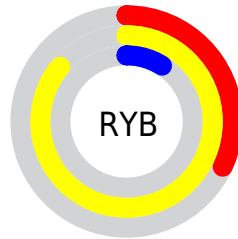
Distribution



Red (86%)

Green (69%)

Blue (9%)



Red (32%)

Yellow (86%)

Blue (9%)

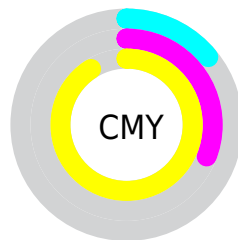


Cyan (0%)

Magenta (20%)

Yellow (89%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAF18 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 DCAF18 by changing the saturation by 10% instead.

 DCAF18

 DCAF18

FFFFFF

 BE9500

 FFE658

 A07B00

 FFFF74

 836200

 FFFF91

 664B00

 FFFFAD

 4B3500

 FFFFFA

 312000

 FFFFFE

 180900

 000000

 DCAF18

 DCAF18

 DCAA02

 DCB42E

 DCA900

 DCB944

 DCBE5A

 DCC370

 DCC886

 DCCD9C

 DCD2B2

 DCD7C8

 DCDCDE

Harmonies

Analogous

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



FF9443



DCAF18



9BC22E

Triad

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



DCAF18



00D4EF



FF88FF

Complementary

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



DCAF18



1845DC

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.



A7A6FF



DCAF18



00CDFF

Square

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



DCAF18



00D4AB



00BEFF



FF74BE

Rectangle

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



DCAF18



62CB53



00BEFF



E792FF

Sweetspot

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



DCAF18



FFEFBA



DC1846



807657



000000



808080

Same Dimension

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



DCAF18



FFC400



A8DC18



6E6B63



AD8600



2E2300

Inverse Universe

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



1845DC



003BFF



4C18DC



63656E



0028AD



000B2E

Previews

White Background



This preview shows how the Hex color DCAF18 looks on a white background.

Color Contrast Check

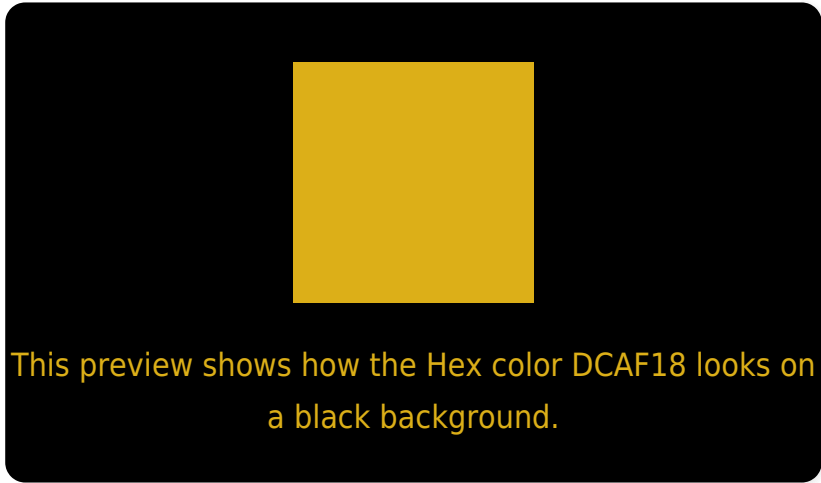
Large Text (above 18pt) WCAG AA × Fail

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 DCAF18 Background



This preview shows how black text looks on a background with the Hex color DCAF18.



This preview shows how white text looks on a background with the Hex color DCAF18.

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
DCAF18

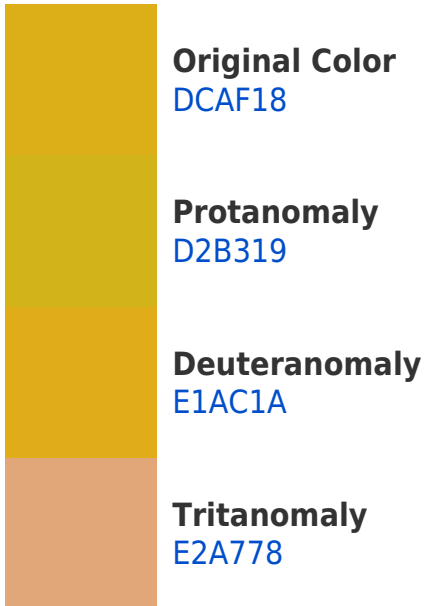
Protanopia
CCB51A

Deuteranopia
E4AB1B

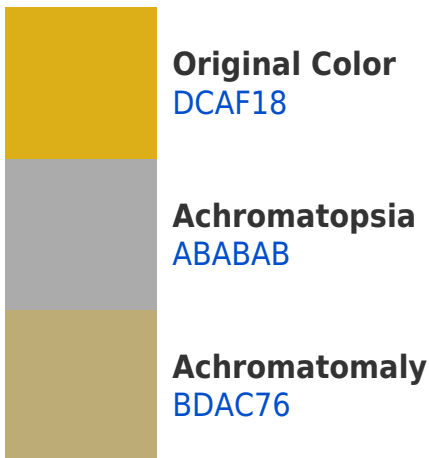


Tritanopia
E5A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCAF18 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 #DCAF18 looks like.

```
.text, #text, p{  
    color:#DCAF18  
}
```

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 #DCAF18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAF18
}
```

Border

The CSS property to change the border of an element to Hex DCAF18 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
#DCAF18 }
```

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

```
.border{ border-color:#DCAF18 }
```

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

Here you see how a box with a 4 pixel #DCAF18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAF18; -webkit-box-shadow:4px 4px  
4px 4px #DCAF18; box-shadow:4px 4px 4px  
4px #DCAF18 }
```

Background

The CSS property to change the background color of an element to Hex DCAF18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAF18 }
```

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

```
.background{ background-color:#DCAF18 }
```

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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