

# Converting Colors

Hex(DCAF6E)

Have a look what the booklet for  
Hex(DCAF6E) contains.

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# **Color**

**Hex(DCAF6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCAF6E
RGB	220, 175, 110
RGB Percent	86%, 69%, 43%
CMY	0.1373, 0.3137, 0.5686
CMYK	0.00, 0.20, 0.50, 0.14
HSL	35°, 61%, 65%
HSV	35°, 50%, 86%
XYZ	47.6596, 47.0014, 21.3121
YIQ	181.0450, 47.6850, -10.6750

# Conversions

## Conversions Part 2

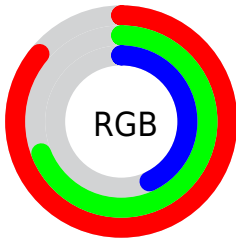
Format	Color
<a href="#">RYB</a>	<a href="#">186, 220, 110</a>
Decimal	<a href="#">14462830</a>
CIELab	<a href="#">74.19, 8.48, 39.38</a>
CIELCh	<a href="#">74, 40.280, 77.853</a>
Yxy	<a href="#">47.0014, 0.4110, 0.4053</a>
Android (android.graphics.Color)	<a href="#">4292652910</a> ( <a href="#">0xFFDCAF6E</a> )
YUV	<a href="#">181.0450, -35.0252, 34.1635</a>
Hunter-Lab	<a href="#">68.5576, 4.1134, 29.5591</a>

# Details

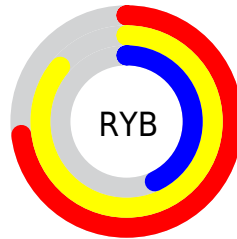
The Hex color **DCAF6E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6E9BDC**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE6A3**, and **A37B3C** is the 20% darker color. If you saturate the color by 10%, you get **DCA658**, and if you desaturate by 10%, it is **DCB884**.

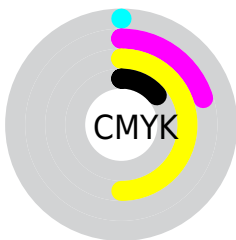
# Distribution



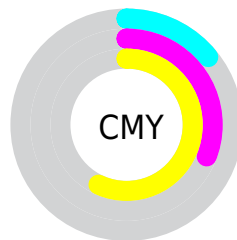
- Red (86%)
- Green (69%)
- Blue (43%)



- Red (73%)
- Yellow (86%)
- Blue (43%)



- Cyan (0%)
- Magenta (20%)
- Yellow (50%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCAF6E 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 DCAF6E by changing the saturation by 10% instead.



 DCAF6E

 DCAF6E

FFFFFF

 BF9455

 FFE6A3

 A37B3C

 FFFFBE

 876224

 FFFFFDA

 6B4A0B

 FFFFF7

 513400

 371F00

 1F0800

 000000

 DCAF6E

 DCAF6E

 DCA658

 DCB884

 DC9D42

 DCC19A

 DC942C

 DCCAB0

 DC8B16

 DCD3C6

 DC8200

 DCDCDC

 DCE5F2

 DCEEFF

 DCF7FF

 DCFFFF

# Harmonies

## Analogous

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



F5A281



DCAF6E



B9BB6F

# Triad

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



DCAF6E



23CACC



D6A5E8

# Complementary

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



DCAF6E



6E9BDC

# 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.



A4B2FD



DCAF6E



1CC7EC

# Square

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



DCAF6E



5EC9A6



65BFFE



F59BC7

# Rectangle

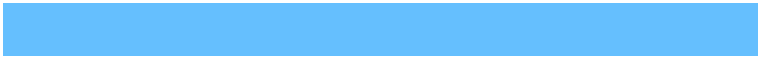
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCAF6E



9DC27B



65BFFE



C7A9F1

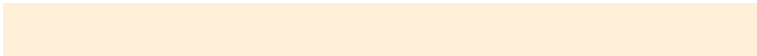


# Sweetspot

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



DCAF6E



FFEFD9



DC6E9C



807669



000000



808080



# Same Dimension

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



DCAF6E



FFC066



D3DC6E



6E6963



AD6600



2E1B00

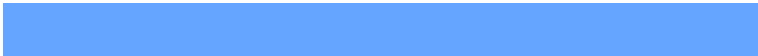


# Inverse Universe

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



6E9BDC



66A5FF



776EDC



63676E



0047AD



00132E



# Previews

## White Background



This preview shows how the Hex color DCAF6E looks on a white background.

## Color Contrast Check

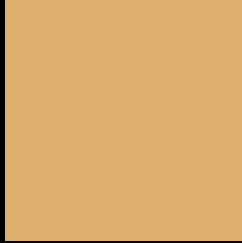
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DCAF6E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

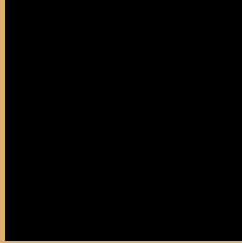
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCAF6E Background



This preview shows how black text looks on a background with the Hex color DCAF6E.

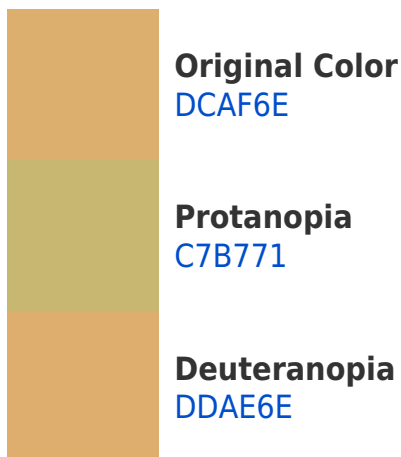


This preview shows how white text looks on a background with the Hex color DCAF6E.

# 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](#).

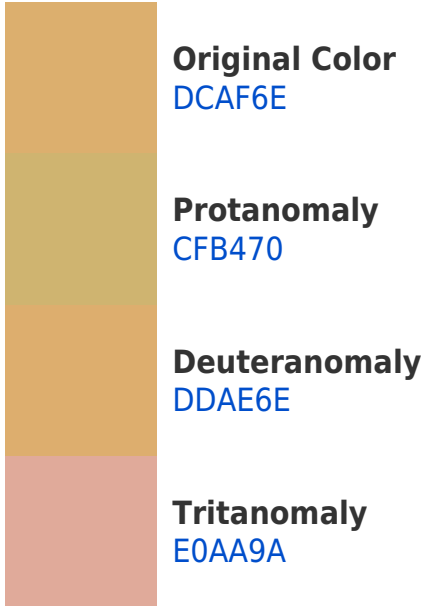
## Dichromacy





**Tritanopia**  
E2A7B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCAF6E 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 #DCAF6E looks like.

```
.text, #text, p{  
    color:#DCAF6E  
}
```

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 #DCAF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAF6E
}
```

## Border

The CSS property to change the border of an element to Hex DCAF6E 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
#DCAF6E }
```

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

```
.border{ border-color:#DCAF6E }
```

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

Here you see how a box with a 4 pixel #DCAF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAF6E; -webkit-box-shadow:4px 4px  
4px 4px #DCAF6E; box-shadow:4px 4px 4px  
4px #DCAF6E }
```

# Background

The CSS property to change the background color of an element to Hex DCAF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAF6E }
```

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

```
.background{ background-color:#DCAF6E }
```

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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