

# Converting Colors

Hex(DACA1E)

Have a look what the booklet for  
Hex(DACA1E) contains.

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# **Color**

**Hex(DACA1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DACA1E
RGB	218, 202, 30
RGB Percent	85%, 79%, 12%
CMY	0.1451, 0.2078, 0.8824
CMYK	0.00, 0.07, 0.86, 0.15
HSL	55°, 76%, 49%
HSV	55°, 86%, 85%
XYZ	50.2683, 57.2402, 9.6273
YIQ	187.1760, 64.7480, -50.1000

# Conversions

## Conversions Part 2

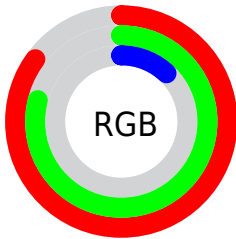
Format	Color
R <sub>Y</sub> B	47, 218, 30
Decimal	14338590
CIE Lab	80.31, -10.80, 76.96
CIE LCh	80, 77.714, 97.989
Yxy	57.2402, 0.4291, 0.4887
Android (android.graphics.Color)	4292528670 (0xFFDACA1E)
YUV	187.1760, -77.4878, 27.0326
Hunter-Lab	75.6573, -13.8010, 45.4155

# Details

The Hex color **DACA1E** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1E2EDA**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF60**, and **9F9400** is the 20% darker color. If you saturate the color by 10%, you get **DAC808**, and if you desaturate by 10%, it is **DACC34**.

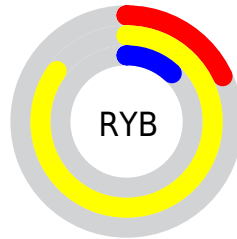
# Distribution



Red (85%)

Green (79%)

Blue (12%)



Red (18%)

Yellow (85%)

Blue (12%)

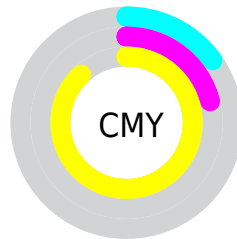


Cyan (0%)

Magenta (7%)

Yellow (86%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DACA1E 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 DACA1E by changing the saturation by 10% instead.



 DACA1E

 DACA1E

FFFFFF

 BCAF00

 FFFF60

 9F9400

 FFFF7C

 827B00

 FFFF99

 666200

 FFFFB6

 4A4B00

 FFFFD3

 303400

 FFFFF1

 171F00

 000200

 000000

 DACA1E

 DACA1E

 DAC808

 DACC34

 DAC700

 DACE4A

 DAD05F

 DAD175

 DAD38B

 DAD5A1

 DAD7B7

 DAD9CC

 DADBE2

# Harmonies

## Analogous

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



FFB038



DACA1E



8CDC4B

# Triad

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



DACA1E



00E7FF



FF8CFF

# Complementary

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



DACA1E



1E2EDA

# 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.



E3ABFF



DACA1E



00DDFF

# Square

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



DACA1E



00EAD9



3FC9FF



FF80B7

# Rectangle

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



DACA1E



37E376



3FC9FF



FF96FF



# Sweetspot

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



DACA1E



FFF9BD



DA1E31



807C58



000000



808080



# Same Dimension

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



DACA1E



FFE900



8FDA1E



6E6D63



AD9F00



2E2A00



# Inverse Universe

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



1E2EDA



0016FF



691EDA



63646E



000FAD



00042E



# Previews

## White Background



This preview shows how the Hex color DACA1E looks on a white background.

## Color Contrast Check

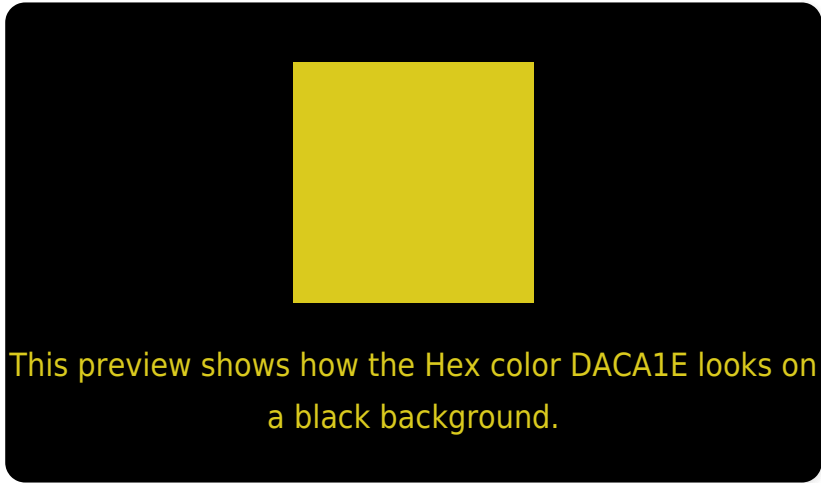
Large Text (above 18pt) WCAG AA × Fail

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 DACA1E Background



This preview shows how black text looks on a background with the Hex color DACA1E.

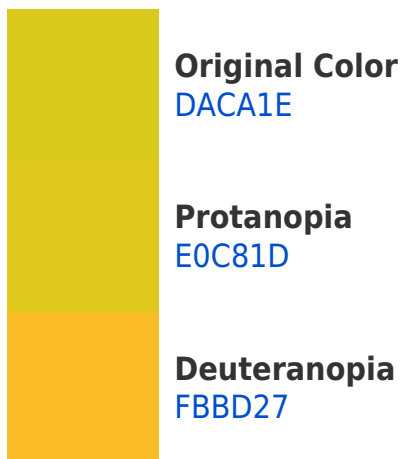


This preview shows how white text looks on a background with the Hex color DACA1E.

# 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**  
E6BCCB

# Trichromacy



**Original Color**  
DACA1E

**Protanomaly**  
DEC91D

**Deuteranomaly**  
EFC224

**Tritanomaly**  
E2C18C

# Monochromacy



**Original Color**  
DACA1E

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
C6C082

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DACA1E 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 #DACA1E looks like.

```
.text, #text, p{  
    color:#DACA1E  
}
```

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 #DACA1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DACA1E
}
```

## Border

The CSS property to change the border of an element to Hex DACA1E 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
#DACA1E }
```

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

```
.border{ border-color:#DACA1E }
```

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

Here you see how a box with a 4 pixel #DACA1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DACA1E; -webkit-box-shadow:4px 4px  
4px 4px #DACA1E; box-shadow:4px 4px 4px  
4px #DACA1E }
```

# Background

The CSS property to change the background color of an element to Hex DACA1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DACA1E }
```

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

```
.background{ background-color:#DACA1E }
```

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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