

Converting Colors

Hex(DFC237)

Have a look what the booklet for
Hex(DFC237) contains.

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Color

Hex(DFC237)

Conversions

Conversions Part 1

Format	Color
Hex	DFC237
RGB	223, 194, 55
RGB Percent	87%, 76%, 22%
CMY	0.1255, 0.2392, 0.7843
CMYK	0.00, 0.13, 0.75, 0.13
HSL	50°, 72%, 55%
HSV	50°, 75%, 87%
XYZ	50.4128, 54.5474, 11.4861
YIQ	186.8250, 61.9030, -37.0810

Conversions

Conversions Part 2

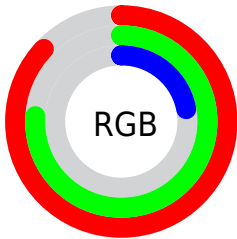
Format	Color
R _Y B	90, 223, 55
Decimal	14664247
CIE Lab	78.78, -3.80, 68.91
CIE LCh	79, 69.018, 93.155
Yxy	54.5474, 0.4329, 0.4684
Android (android.graphics.Color)	4292854327 (0xFFDFC237)
YUV	186.8250, -64.9897, 31.7255
Hunter-Lab	73.8562, -7.4077, 42.4786

Details

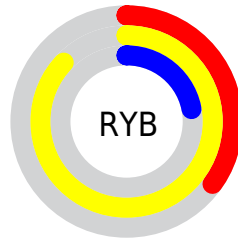
The Hex color **DFC237** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **3754DF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFA70**, and **A48D00** is the 20% darker color. If you saturate the color by 10%, you get **DFBE21**, and if you desaturate by 10%, it is **DFC64D**.

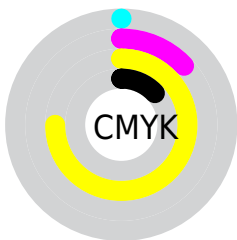
Distribution



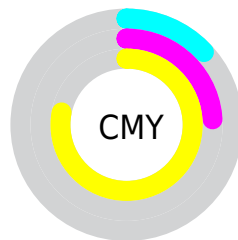
- Red (87%)
- Green (76%)
- Blue (22%)



- Red (35%)
- Yellow (87%)
- Blue (22%)



- Cyan (0%)
- Magenta (13%)
- Yellow (75%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFC237 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 DFC237 by changing the saturation by 10% instead.

 DFC237

 DFC237

FFFFFF

 C1A713

 FFFA70

 A48D00

 FFFF8C

 877400

 FFFFA8

 6B5B00

 FFFF8C

 4F4400

 FFFFE1

 352E00

 1D1A00

 000000

 DFC237

 DFC237

 DFBE21

 DFC64D

 DFBA0A

 DFCA64

 DFB900

 DFCE7A

 DFD190

 DFD5A7

 DFD9BD

 DFDDD3

 DFE1E9

 DFE5FF

Harmonies

Analogous

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



FFAA4E



DFC237



9DD350

Triad

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



DFC237



00E1FF



FF95FE

Complementary

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



DFC237



3754DF

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.



CEAFFF



DFC237



00D9FF

Square

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



DFC237



00E2C8



37C8FF



FF88BF

Rectangle

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



DFC237



63DB72



37C8FF



FF9DFF

Sweetspot

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



DFC237



FFF5C4



DF3756



80795C



000000



808080

Same Dimension

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



DFC237



FFD719



AADF37



706E65



B09200



302800

Inverse Universe

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



3754DF



1941FF



6C37DF



656770



001EB0



000830

Previews

White Background



This preview shows how the Hex color DFC237 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 DFC237 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 DFC237 Background



This preview shows how black text looks on a background with the Hex color DFC237.



This preview shows how white text looks on a background with the Hex color DFC237.

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](#).

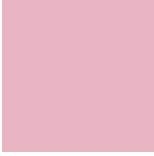
Dichromacy



Original Color
DFC237

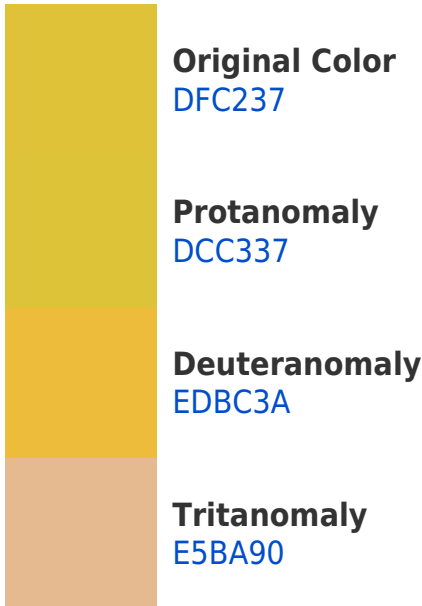
Protanopia
DBC437

Deuteranopia
F5B93B



Tritanopia
E9B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFC237 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 #DFC237 looks like.

```
.text, #text, p{  
    color:#DFC237  
}
```

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 #DFC237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC237
}
```

Border

The CSS property to change the border of an element to Hex DFC237 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
#DFC237 }
```

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

```
.border{ border-color:#DFC237 }
```

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

Here you see how a box with a 4 pixel #DFC237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC237; -webkit-box-shadow:4px 4px  
4px 4px #DFC237; box-shadow:4px 4px 4px  
4px #DFC237 }
```

Background

The CSS property to change the background color of an element to Hex DFC237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC237 }
```

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

```
.background{ background-color:#DFC237 }
```

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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