

# Converting Colors

Hex(DFC60B)

Have a look what the booklet for  
Hex(DFC60B) contains.

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**Color**

**Hex(DFC60B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFC60B
RGB	223, 198, 11
RGB Percent	87%, 78%, 4%
CMY	0.1255, 0.2235, 0.9569
CMYK	0.00, 0.11, 0.95, 0.13
HSL	53°, 91%, 46%
HSV	53°, 95%, 87%
XYZ	50.6859, 56.1003, 8.4736
YIQ	184.1570, 74.9270, -52.8570

# Conversions

## Conversions Part 2

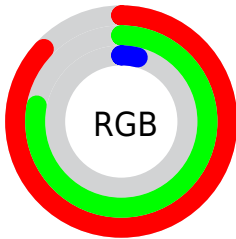
Format	Color
<a href="#">RYB</a>	<a href="#">39, 223, 11</a>
Decimal	<a href="#">14665227</a>
CIELab	<a href="#">79.67, -6.91, 79.56</a>
CIELCh	<a href="#">80, 79.861, 94.964</a>
Yxy	<a href="#">56.1003, 0.4398, 0.4867</a>
Android (android.graphics.Color)	<a href="#">4292855307</a> ( <a href="#">0xFFDFC60B</a> )
YUV	<a href="#">184.1570, -85.3664, 34.0653</a>
Hunter-Lab	<a href="#">74.9001, -10.2819, 45.7225</a>

# Details

The Hex color **DFC60B** 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 **0B24DF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFE57**, and **A39100** is the 20% darker color. If you saturate the color by 10%, you get **DFC500**, and if you desaturate by 10%, it is **DFC921**.

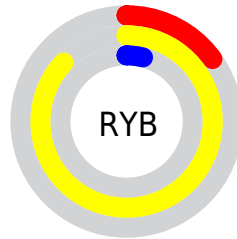
# Distribution



Red (87%)

Green (78%)

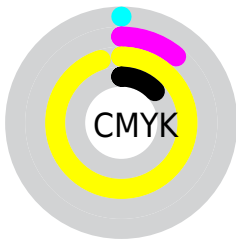
Blue (4%)



Red (15%)

Yellow (87%)

Blue (4%)

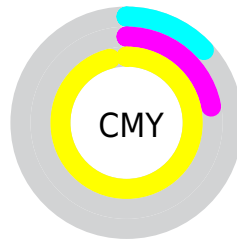


Cyan (0%)

Magenta (11%)

Yellow (95%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFC60B 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 DFC60B by changing the saturation by 10% instead.



 DFC60B

 DFC60B

FFFFFF

 C1AB00

 FFFE57

 A39100

 FFFF74

 867700

 FFFF91

 695F00

 FFFFAE

 4D4800

 FFFFCB

 333100

 FFFF E9

 1B1D00

 000000

 DFC60B

 DFC60B

 DFC500

 DFC921

 DFCE38

 DFCE4E

 DFD164

 DFD37A

 DFD691

 DFD8A7

 DFDBBD

 DFDED4

# Harmonies

## Analogous

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



FFAA36



DFC60B



91D93E

# Triad

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



DFC60B



00E7FF



FF8BFF

# Complementary

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



DFC60B



0B24DF

# 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.



D7ACFF



DFC60B



00DEFF

# Square

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



DFC60B



00E8D0



00CAFF



FF7BBC

# Rectangle

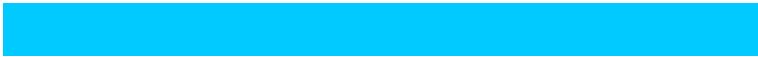
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFC60B



41E16B



00CAFF



FF95FF



# Sweetspot

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



DFC60B



FFF6B5



DF0B27



807A53



000000



808080



# Same Dimension

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



DFC60B



FFE100



91DF0B



706F65



B09B00



302B00



# Inverse Universe

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



0B24DF



001EFF



590BDF



656670



0015B0



000630



# Previews

## White Background



This preview shows how the Hex color DFC60B looks on a white background.

## Color Contrast Check

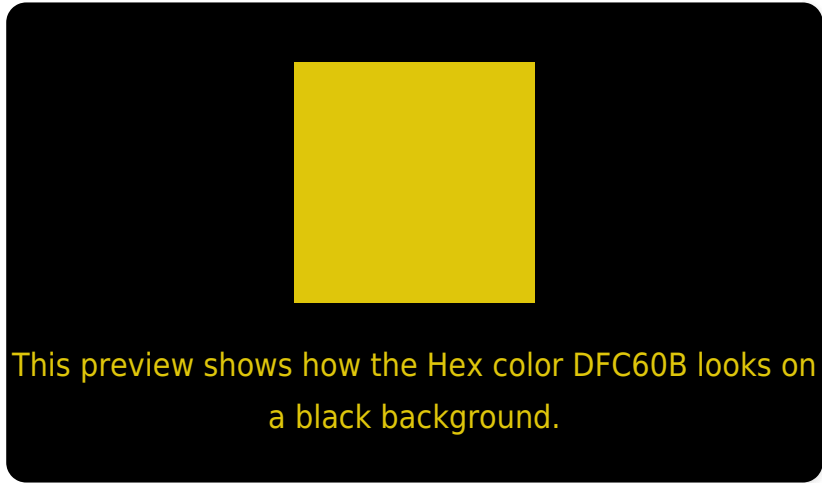
Large Text (above 18pt) WCAG AA × Fail

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 DFC60B Background



This preview shows how black text looks on a background with the Hex color DFC60B.



This preview shows how white text looks on a background with the Hex color DFC60B.

# 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**  
DFC60B

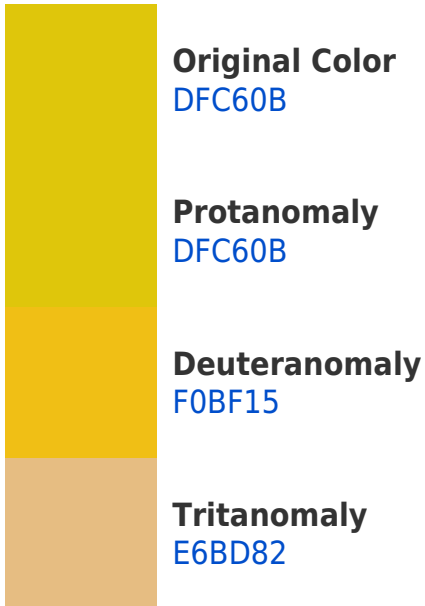
**Protanopia**  
DFC60B

**Deuteranopia**  
F9BB1B



**Tritanopia**  
EAB8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFC60B 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 #DFC60B looks like.

```
.text, #text, p{  
    color:#DFC60B  
}
```

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 #DFC60B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC60B
}
```

## Border

The CSS property to change the border of an element to Hex DFC60B 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
#DFC60B }
```

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

```
.border{ border-color:#DFC60B }
```

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

Here you see how a box with a 4 pixel #DFC60B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC60B; -webkit-box-shadow:4px 4px  
4px 4px #DFC60B; box-shadow:4px 4px 4px  
4px #DFC60B }
```

# Background

The CSS property to change the background color of an element to Hex DFC60B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC60B }
```

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

```
.background{ background-color:#DFC60B }
```

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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