

# Converting Colors

Hex(DCBA41)

Have a look what the booklet for  
Hex(DCBA41) contains.

<b>Hex(DCBA41)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DCBA41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCBA41
RGB	220, 186, 65
RGB Percent	86%, 73%, 25%
CMY	0.1373, 0.2706, 0.7451
CMYK	0.00, 0.15, 0.70, 0.14
HSL	47°, 69%, 56%
HSV	47°, 70%, 86%
XYZ	48.0282, 50.7151, 12.2587
YIQ	182.3720, 59.1050, -30.4230

# Conversions

## Conversions Part 2

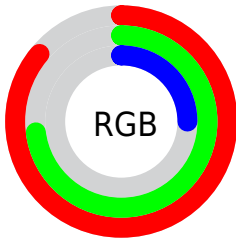
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 220, 65
Decimal	14465601
CIELab	76.51, -0.48, 62.92
CIELCh	77, 62.922, 90.440
Yxy	50.7151, 0.4327, 0.4569
Android (android.graphics.Color)	4292655681 (0xFFDCBA41)
YUV	182.3720, -57.8644, 32.9998
Hunter-Lab	71.2145, -4.2422, 39.6442

# Details

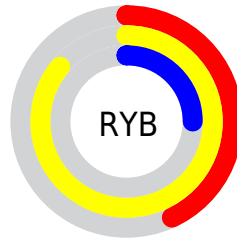
The Hex color **DCBA41** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4163DC**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF277**, and **A18500** is the 20% darker color. If you saturate the color by 10%, you get **DCB52B**, and if you desaturate by 10%, it is **DCBF57**.

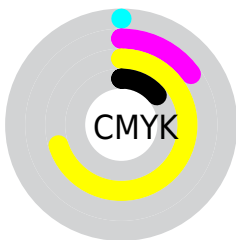
# Distribution



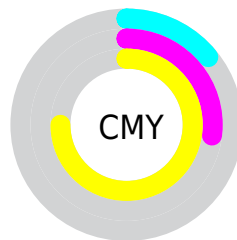
- Red (86%)
- Green (73%)
- Blue (25%)



- Red (43%)
- Yellow (86%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (70%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCBA41 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 DCBA41 by changing the saturation by 10% instead.



 DCBA41

 DCBA41

FFFFFF

 BE9F24

 FFF277

 A18500

 FFFF93

 856C00

 FFFFFAF

 695400

 FFFFFCB

 4D3D00

 FFFFFE8

 332800

 1B1400

 000000

 DCBA41

 DCBA41

 DCB52B

 DCBF57

 DCB015

 DCC46D

 DCAC00

 DCC883

 DCCD99

 DCD2AF

 DCD7C5

 DCDCDB

 DCE1F1

 DCE5FF

# Harmonies

## Analogous

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



FFA457



DCBA41



A1CB52

# Triad

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



DCBA41



00D8F6



FF96F7

# Complementary

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



DCBA41



4163DC

# 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.



C0ADFF



DCBA41



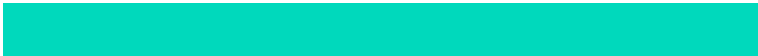
00D1FF

# Square

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



DCBA41



00D9BC



39C3FF



FF89BE

# Rectangle

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



DCBA41



70D26F



39C3FF



F29DFF



# Sweetspot

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



DCBA41



FFF3C9



DC4165



807960



000000



808080



# Same Dimension

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



DCBA41



FFCF26



B3DC41



6E6B63



AD8700



2E2400



# Inverse Universe

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



4163DC



2656FF



6A41DC



63656E



0026AD



000A2E



# Previews

## White Background



This preview shows how the Hex color DCBA41 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 DCBA41 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 DCBA41 Background



This preview shows how black text looks on a background with the Hex color DCBA41.

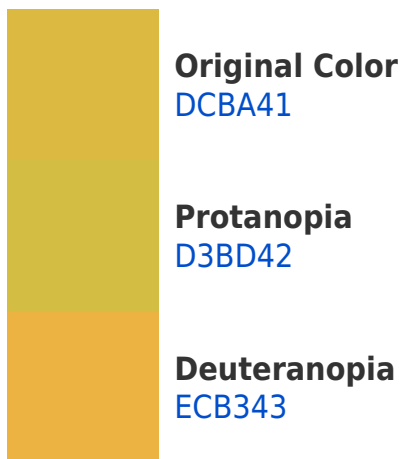


This preview shows how white text looks on a background with the Hex color DCBA41.

# 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](#).

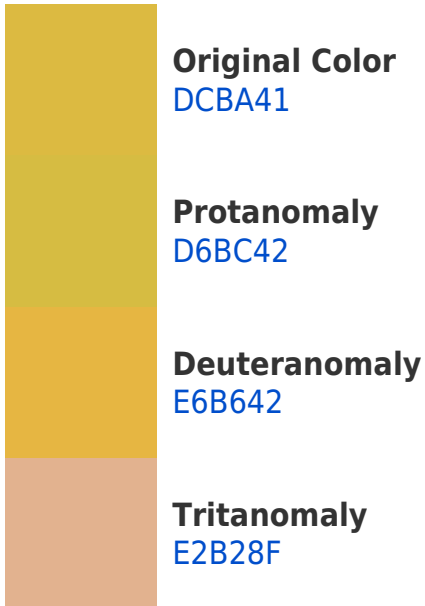
## Dichromacy



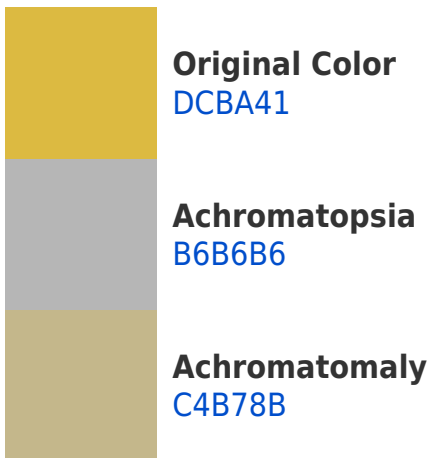


**Tritanopia**  
E5AEBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCBA41 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 #DCBA41 looks like.

```
.text, #text, p{  
    color:#DCBA41  
}
```

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 #DCBA41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCBA41
}
```

## Border

The CSS property to change the border of an element to Hex DCBA41 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
#DCBA41 }
```

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

```
.border{ border-color:#DCBA41 }
```

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

Here you see how a box with a 4 pixel #DCBA41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCBA41; -webkit-box-shadow:4px 4px  
4px 4px #DCBA41; box-shadow:4px 4px 4px  
4px #DCBA41 }
```

# Background

The CSS property to change the background color of an element to Hex DCBA41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCBA41 }
```

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

```
.background{ background-color:#DCBA41 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor