

# Converting Colors

Hex(DDBC3A)

Have a look what the booklet for  
Hex(DDBC3A) contains.

<b>Hex(DDBC3A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(DDBC3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDBC3A
RGB	221, 188, 58
RGB Percent	87%, 74%, 23%
CMY	0.1333, 0.2627, 0.7725
CMYK	0.00, 0.15, 0.74, 0.13
HSL	48°, 71%, 55%
HSV	48°, 74%, 87%
XYZ	48.5657, 51.6441, 11.4116
YIQ	183.0470, 61.3980, -33.4340

# Conversions

## Conversions Part 2

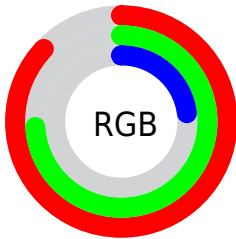
Format	Color
R <sub>Y</sub> B	99, 221, 58
Decimal	14531642
CIE Lab	77.07, -1.42, 66.17
CIE LCh	77, 66.181, 91.232
Yxy	51.6441, 0.4351, 0.4627
Android (android.graphics.Color)	4292721722 (0xFFDDBC3A)
YUV	183.0470, -61.6482, 33.2848
Hunter-Lab	71.8638, -5.1310, 40.8897

# Details

The Hex color **DDBC3A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted orange. A complement of this color would be **3A5BDD**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF472**, and **A28700** is the 20% darker color. If you saturate the color by 10%, you get **DDB824**, and if you desaturate by 10%, it is **DDC050**.

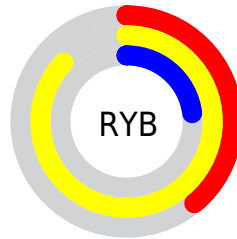
# Distribution



Red (87%)

Green (74%)

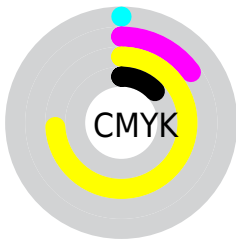
Blue (23%)



Red (39%)

Yellow (87%)

Blue (23%)

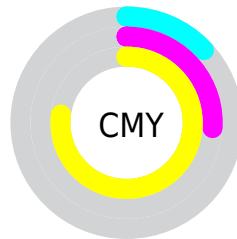


Cyan (0%)

Magenta (15%)

Yellow (74%)

Black (13%)



Cyan (13%)

Magenta (26%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDBC3A 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 DDBC3A by changing the saturation by 10% instead.



 DDBC3A

 DDBC3A

FFFFFF

 BFA11A

 FFF472

 A28700

 FFFF8D

 856E00

 FFFFA9

 695600

 FFFFC6

 4E3F00

 FFFFEE

 332A00

 1B1600

 000000

 DDBC3A

 DDBC3A

 DDB824

 DDC050

 DDB30E

 DDC566

 DDB000

 DDC97C

 DDCE92

 DDD2A9

 DDD7BF

 DDDBD5

 DDE0EB

 DDE4FF

# Harmonies

## Analogous

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



FFA552



DDBC3A



9FCD4E

# Triad

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



DDBC3A



00DBFC



FF94FA

# Complementary

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



DDBC3A



3A5BDD

# 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.



C3ADFF



DDBC3A



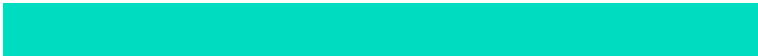
00D4FF

# Square

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



DDBC3A



00DCBF



2BC4FF



FF86BE

# Rectangle

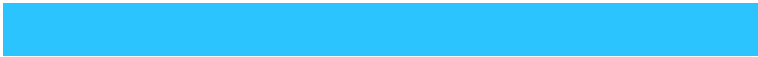
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDBC3A



6AD56E



2BC4FF



F89CFF



# Sweetspot

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



DDBC3A



FFF4C7



DD3A5D



80795E



000000



808080



# Same Dimension

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



DDBC3A



FFD11C



AFDD3A



6E6B63



AD8A00



2E2500



# Inverse Universe

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



3A5BDD



1C4AFF



683ADD



63656E



0023AD



00092E



# Previews

## White Background



This preview shows how the Hex color DDBC3A looks on a white background.

## Color Contrast Check

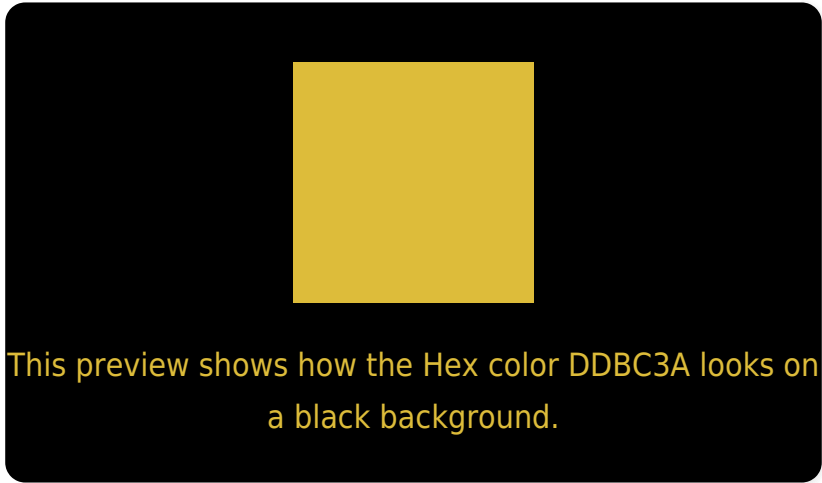
Large Text (above 18pt) WCAG AA × Fail

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 DDBC3A Background



This preview shows how black text looks on a background with the Hex color DDBC3A.



This preview shows how white text looks on a background with the Hex color DDBC3A.

# 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**  
DDBC3A

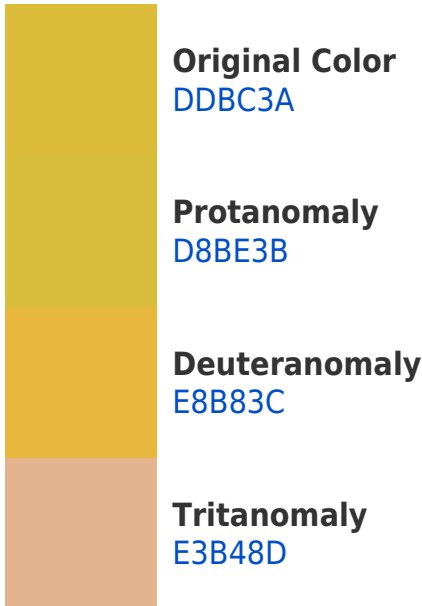
**Protanopia**  
D5BF3B

**Deuteranopia**  
EEB53D



**Tritanopia**  
E7B0BD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDBC3A 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 #DDBC3A looks like.

```
.text, #text, p{  
    color:#DDBC3A  
}
```

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 #DDBC3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDBC3A
}
```

## Border

The CSS property to change the border of an element to Hex DDBC3A 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
#DDBC3A }
```

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

```
.border{ border-color:#DDBC3A }
```

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

Here you see how a box with a 4 pixel #DDBC3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDBC3A; -webkit-box-shadow:4px 4px  
4px 4px #DDBC3A; box-shadow:4px 4px 4px  
4px #DDBC3A }
```

# Background

The CSS property to change the background color of an element to Hex DDBC3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDBC3A }
```

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

```
.background{ background-color:#DDBC3A }
```

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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