

Converting Colors

Hex(DDBE4C)

Have a look what the booklet for
Hex(DDBE4C) contains.

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Color

Hex(DDBE4C)

Conversions

Conversions Part 1

Format	Color
Hex	DDBE4C
RGB	221, 190, 76
RGB Percent	87%, 75%, 30%
CMY	0.1333, 0.2549, 0.7020
CMYK	0.00, 0.14, 0.66, 0.13
HSL	47°, 68%, 58%
HSV	47°, 66%, 87%
XYZ	49.5368, 52.7209, 14.4028
YIQ	186.2730, 55.0700, -28.8820

Conversions

Conversions Part 2

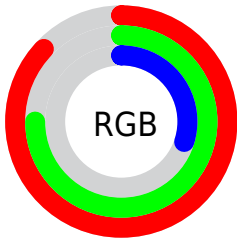
Format	Color
RYB	115, 221, 76
Decimal	14532172
CIELab	77.71, -1.55, 59.66
CIElCh	78, 59.685, 91.483
Yxy	52.7209, 0.4246, 0.4519
Android (android.graphics.Color)	4292722252 (0xFFDDBE4C)
YUV	186.2730, -54.3646, 39.4556
Hunter-Lab	72.6091, -5.2864, 39.0656

Details

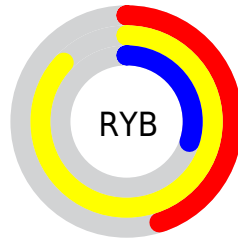
The Hex color **DDBE4C** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4C6BDD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF682**, and **A28910** is the 20% darker color. If you saturate the color by 10%, you get **DDB936**, and if you desaturate by 10%, it is **DDC362**.

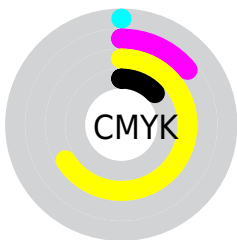
Distribution



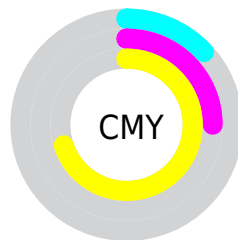
- Red (87%)
- Green (75%)
- Blue (30%)



- Red (45%)
- Yellow (87%)
- Blue (30%)



- Cyan (0%)
- Magenta (14%)
- Yellow (66%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDBE4C 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 DDBE4C by changing the saturation by 10% instead.



DDBE4C



DDBE4C

FFFFFF



BFA331



FFF682



A28910



FFFF9D



867000



FFFFB9



6A5800



FFFFD6



4F4100



FFFFF3



352B00



1D1700



000000



DDBE4C



DDBE4C

 DDB936

 DDC362

 DDB520

 DDC778

 DDB00A

 DDCC8E

 DDAE00

 DDD1A4

 DDD6BB

 DDDAD1

 DDDFE7

 DDE4FD

 DDE9FF

Harmonies

Analogous

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



FFAA5F



DDBE4C



A5CE5D

Triad

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



DDBE4C



00DBF8



FF9BF6

Complementary

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



DDBE4C



4C6BDD

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.



C7B0FF



DDBE4C



00D3FF

Square

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



DDBE4C



00DCC1



58C5FF



FF90C0

Rectangle

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



DDBE4C



76D578



58C5FF



F5A2FF

Sweetspot

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



DDBE4C



FFF4CC



DD4C6B



807961



000000



808080

Same Dimension

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



DDBE4C



FFD436



B4DD4C



6E6B63



AD8800



2E2400

Inverse Universe

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



4C6BDD



3661FF



754CDD



63656E



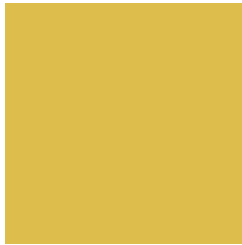
0025AD



000A2E

Previews

White Background



This preview shows how the Hex color DDBE4C looks on a white background.

Color Contrast Check

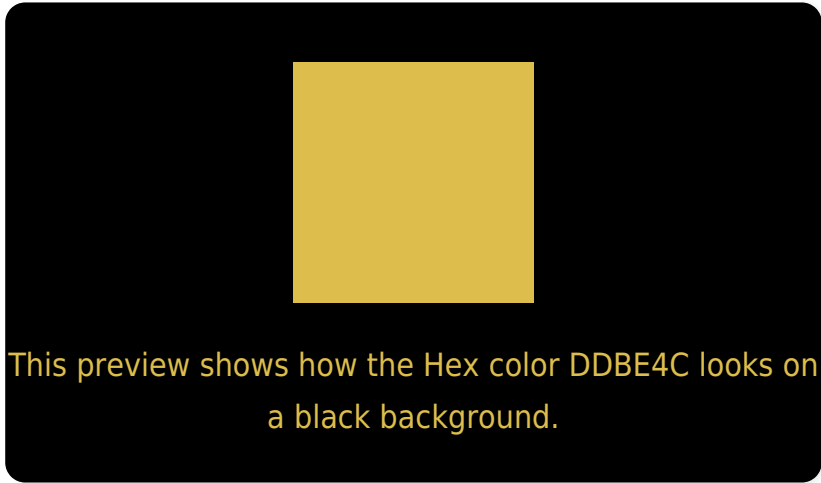
Large Text (above 18pt) WCAG AA × Fail

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 DDBE4C Background



This preview shows how black text looks on a background with the Hex color DDBE4C.

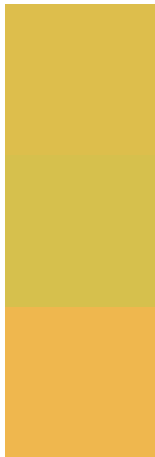


This preview shows how white text looks on a background with the Hex color DDBE4C.

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
DDBE4C

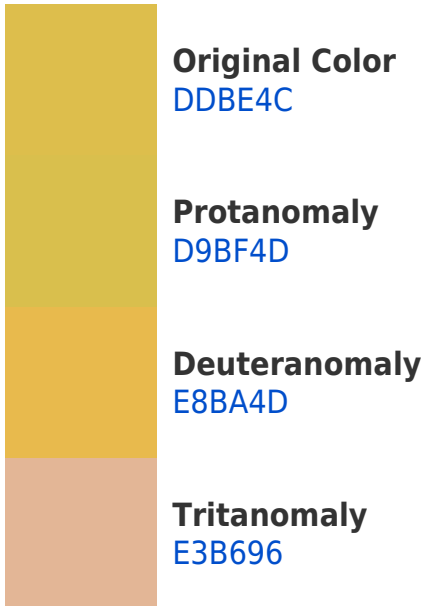
Protanopia
D6C04D

Deuteranopia
EFB74E



Tritanopia
E6B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDBE4C 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 #DDBE4C looks like.

```
.text, #text, p{  
    color:#DDBE4C  
}
```

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 #DDBE4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDBE4C
}
```

Border

The CSS property to change the border of an element to Hex DDBE4C 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
#DDBE4C }
```

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

```
.border{ border-color:#DDBE4C }
```

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

Here you see how a box with a 4 pixel #DDBE4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDBE4C; -webkit-box-shadow:4px 4px  
4px 4px #DDBE4C; box-shadow:4px 4px 4px  
4px #DDBE4C }
```

Background

The CSS property to change the background color of an element to Hex DDBE4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDBE4C }
```

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

```
.background{ background-color:#DDBE4C }
```

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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