

Converting Colors

Hex(DBCA2E)

Have a look what the booklet for
Hex(DBCA2E) contains.

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Color

Hex(DBCA2E)

Conversions

Conversions Part 1

Format	Color
Hex	DBCA2E
RGB	219, 202, 46
RGB Percent	86%, 79%, 18%
CMY	0.1412, 0.2078, 0.8196
CMYK	0.00, 0.08, 0.79, 0.14
HSL	54°, 71%, 52%
HSV	54°, 79%, 86%
XYZ	50.8271, 57.4984, 11.0042
YIQ	189.2990, 60.2080, -44.9120

Conversions

Conversions Part 2

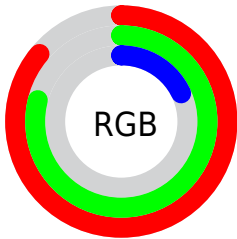
Format	Color
RYB	65, 219, 46
Decimal	14404142
CIELab	80.46, -9.93, 73.15
CIELCh	80, 73.820, 97.732
Yxy	57.4984, 0.4259, 0.4818
Android (android.graphics.Color)	4292594222 (0xFFDBCA2E)
YUV	189.2990, -70.6464, 26.0478
Hunter-Lab	75.8277, -13.0504, 44.4752

Details

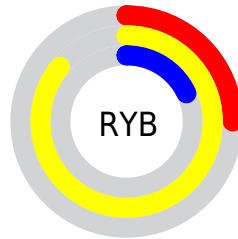
The Hex color **DBCA2E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **2E3FDB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF6A**, and **A09400** is the 20% darker color. If you saturate the color by 10%, you get **DBC818**, and if you desaturate by 10%, it is **DBCC44**.

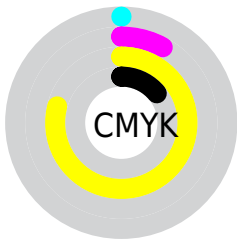
Distribution



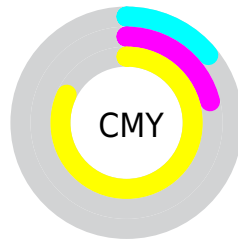
- Red (86%)
- Green (79%)
- Blue (18%)



- Red (25%)
- Yellow (86%)
- Blue (18%)



- Cyan (0%)
- Magenta (8%)
- Yellow (79%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBCA2E 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 DBCA2E by changing the saturation by 10% instead.

 DBCA2E

 DBCA2E

FFFFFF

 BDAF00

 FFFF6A

 A09400

 FFFF86

 837B00

 FFFFA2

 676200

 FFFFBF

 4B4B00

 FFFFDC

 313400

 FFFFFA

 191F00

 000300

 000000

 DBCA2E

 DBCA2E

 DBC818

 DBCC44

 DBC602

 DBCE5A

 DBC500

 DBD070

 DBD386

 DBD59C

 DBD7B1

 DBD9C7

 DBDBDD

 DBDDF3

Harmonies

Analogous

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



FFB142



DBCA2E



91DB52

Triad

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



DBCA2E



00E7FF



FF91FD

Complementary

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



DBCA2E



2E3FDB

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.



E2AEFF



DBCA2E



00DDFF

Square

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



DBCA2E



00E9D8



52CAFF



FF86B9

Rectangle

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



DBCA2E



48E37A



52CAFF



FF9AFF

Sweetspot

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



DBCA2E



FFF9C2



DB2E3F



807C5B



000000



808080

Same Dimension

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



DBCA2E



FFE70D



96DB2E



6E6D63



AD9C00



2E2900

Inverse Universe

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



2E3FDB



0D25FF



732EDB



63646E



0011AD



00052E

Previews

White Background



This preview shows how the Hex color #DBCA2E looks on a white background.

Color Contrast Check

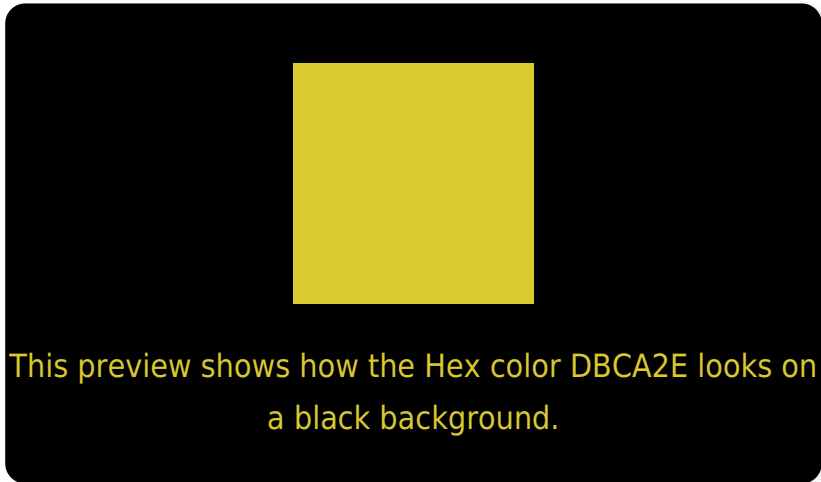
Large Text (above 18pt) WCAG AA × Fail

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 DBCA2E Background



This preview shows how black text looks on a background with the Hex color DBCA2E.

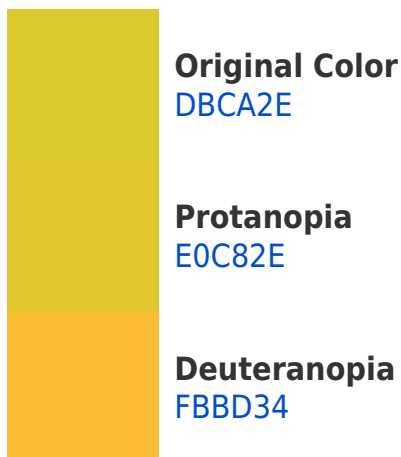


This preview shows how white text looks on a background with the Hex color DBCA2E.

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](#).

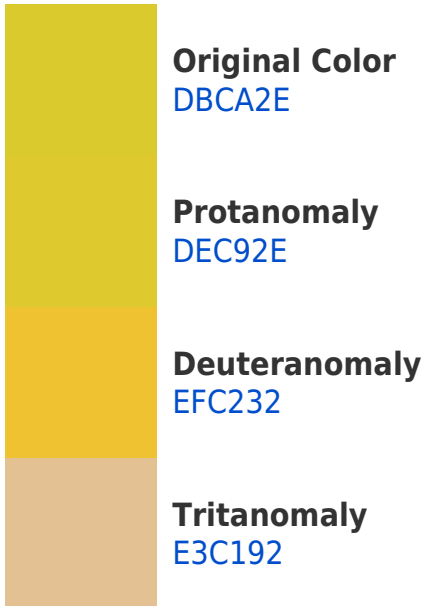
Dichromacy





Tritanopia
E7BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBCA2E 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 #DBCA2E looks like.

```
.text, #text, p{  
    color:#DBCA2E  
}
```

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 #DBCA2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBCA2E
}
```

Border

The CSS property to change the border of an element to Hex DBCA2E 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
#DBCA2E }
```

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

```
.border{ border-color:#DBCA2E }
```

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

Here you see how a box with a 4 pixel #DBCA2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBCA2E; -webkit-box-shadow:4px 4px  
4px 4px #DBCA2E; box-shadow:4px 4px 4px  
4px #DBCA2E }
```

Background

The CSS property to change the background color of an element to Hex DBCA2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBCA2E }
```

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

```
.background{ background-color:#DBCA2E }
```

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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