

Converting Colors

Hex(DBB312)

Have a look what the booklet for
Hex(DBB312) contains.

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Color

Hex(DBB312)

Conversions

Conversions Part 1

Format	Color
Hex	DBB312
RGB	219, 179, 18
RGB Percent	86%, 70%, 7%
CMY	0.1412, 0.2980, 0.9294
CMYK	0.00, 0.18, 0.92, 0.14
HSL	48°, 85%, 46%
HSV	48°, 92%, 86%
XYZ	45.4427, 47.3439, 7.3155
YIQ	172.6060, 75.5210, -41.5910

Conversions

Conversions Part 2

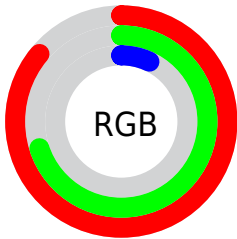
Format	Color
RYB	68, 219, 18
Decimal	14398226
CIELab	74.41, 1.28, 74.57
CIELCh	74, 74.583, 89.019
Yxy	47.3439, 0.4540, 0.4730
Android (android.graphics.Color)	4292588306 (0xFFDDBB312)
YUV	172.6060, -76.2208, 40.6875
Hunter-Lab	68.8069, -2.5240, 41.8612

Details

The Hex color **DBB312** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **123ADB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFEA56**, and **9F7F00** is the 20% darker color. If you saturate the color by 10%, you get **DBAF00**, and if you desaturate by 10%, it is **DBB728**.

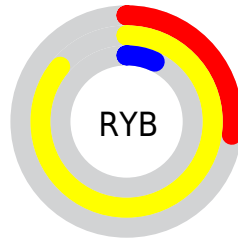
Distribution



Red (86%)

Green (70%)

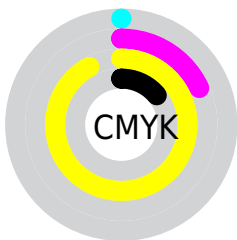
Blue (7%)



Red (27%)

Yellow (86%)

Blue (7%)

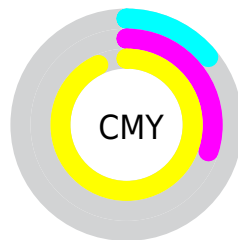


Cyan (0%)

Magenta (18%)

Yellow (92%)

Black (14%)



Cyan (14%)

Magenta (30%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBB312 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 DBB312 by changing the saturation by 10% instead.

 DBB312

 DBB312

FFFFFF

 BD9800

 FFEA56

 9F7F00

 FFFF73

 826600

 FFFF8F

 654E00

 FFFFAB

 4A3800

 FFFFC8

 302300

 FFFFE5

 170E00

 000000

 DBB312

 DBB312

■ DBAF00

■ DBB728

■ DBBC3E

■ DBC054

■ DBC46A

■ DBC97F

■ DBCD95

■ DBD2AB

■ DBD6C1

■ DBDAD7

Harmonies

Analogous

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



FF983E



DBB312



97C630

Triad

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



DBB312



00D7F8



FF87FF

Complementary

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



DBB312



123ADB

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.



B1A6FF



DBB312



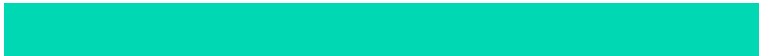
00D0FF

Square

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



DBB312



00D7B3



00C0FF



FF73BC

Rectangle

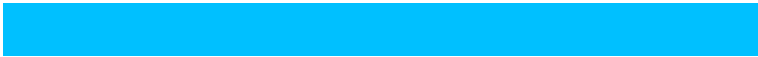
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBB312



5ACF57



00C0FF



F091FF

Sweetspot

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



DBB312



FFF1B8



DB123A



807754



000000



808080

Same Dimension

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



DBB312



FFCC00



9FDB12



6E6B63



AD8B00



2E2500

Inverse Universe

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



123ADB



0033FF



4E12DB



63656E



0023AD



00092E

Previews

White Background



This preview shows how the Hex color DBB312 looks on a white background.

Color Contrast Check

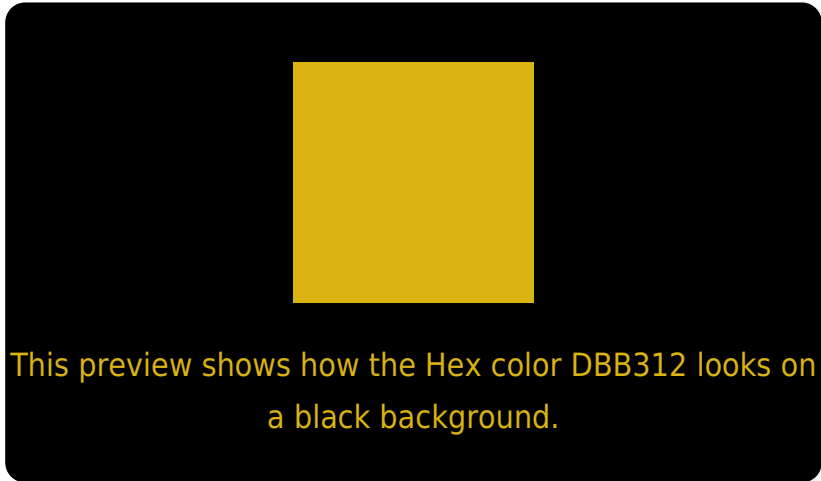
Large Text (above 18pt) WCAG AA × Fail

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 DBB312 Background



This preview shows how black text looks on a background with the Hex color DBB312.



This preview shows how white text looks on a background with the Hex color DBB312.

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
DBB312

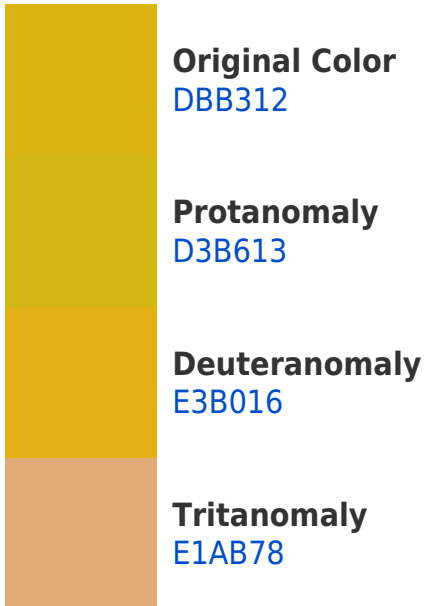
Protanopia
CFB814

Deuteranopia
E7AE18



Tritanopia
E4A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBB312 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 #DBB312 looks like.

```
.text, #text, p{  
    color:#DBB312  
}
```

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 #DBB312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB312
}
```

Border

The CSS property to change the border of an element to Hex DBB312 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
#DBB312 }
```

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

```
.border{ border-color:#DBB312 }
```

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

Here you see how a box with a 4 pixel #DBB312 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB312; -webkit-box-shadow:4px 4px  
4px 4px #DBB312; box-shadow:4px 4px 4px  
4px #DBB312 }
```

Background

The CSS property to change the background color of an element to Hex DBB312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB312 }
```

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

```
.background{ background-color:#DBB312 }
```

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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