

Converting Colors

Hex(DBB600)

Have a look what the booklet for
Hex(DBB600) contains.

Hex(DBB600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DBB600)

Conversions

Conversions Part 1

Format	Color
Hex	DBB600
RGB	219, 182, 0
RGB Percent	86%, 71%, 0%
CMY	0.1412, 0.2863, 1.0000
CMYK	0.00, 0.17, 1.00, 0.14
HSL	50°, 100%, 43%
HSV	50°, 100%, 86%
XYZ	45.9414, 48.5160, 6.9431
YIQ	172.3150, 80.4740, -48.7580

Conversions

Conversions Part 2

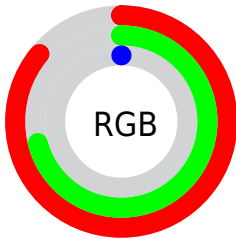
Format	Color
R _Y B	45, 219, 0
Decimal	14398976
CIE Lab	75.15, -0.49, 77.25
CIE LCh	75, 77.253, 90.362
Yxy	48.5160, 0.4531, 0.4785
Android (android.graphics.Color)	4292589056 (0xFFDDBB600)
YUV	172.3150, -84.9513, 40.9427
Hunter-Lab	69.6534, -4.1600, 42.8473

Details

The Hex color **DBB600** 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 **0025DB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFEE51**, and **9F8200** is the 20% darker color. If you saturate the color by 10%, you get **DBB600**, and if you desaturate by 10%, it is **DBBA16**.

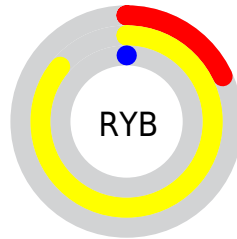
Distribution



Red (86%)

Green (71%)

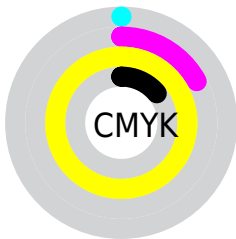
Blue (0%)



Red (18%)

Yellow (86%)

Blue (0%)

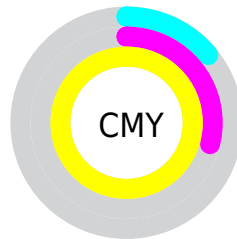


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBB600 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 DBB600 by changing the saturation by 10% instead.

 DBB600

 DBB600

FFFFFF

 BD9B00

 FFEE51

 9F8200

 FFFF6E

 826900

 FFFF8A

 655100

 FFFFA7

 4A3A00

 FFFFC4

 302500

 FFFFE1

 171100

 000000

 DBB600

 DBBA16

 DBBD2C

 DBC142

 DBC558

 DBC96E

 DBCC83

 DBD099

 DBD4AF

 DBD7C5

Harmonies

Analogous

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



FF9A38



DBB600



94CA2D

Triad

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



DBB600



00D9FF



FF85FF

Complementary

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



DBB600



0025DB

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.



B8A6FF



DBB600



00D2FF

Square

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



DBB600



00DAB8



00C1FF



FF71BB

Rectangle

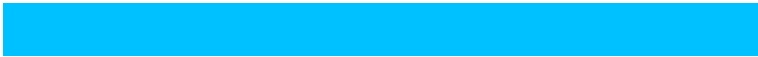
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBB600



51D258



00C1FF



F890FF

Sweetspot

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



DBB600



FFF2B3



DB0028



807852



000000



808080

Same Dimension

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



DBB600



FFD400



96DB00



6E6C63



AD9000



2E2600

Inverse Universe

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



0025DB



002BFF



4500DB



63656E



001DAD



00082E

Previews

White Background



This preview shows how the Hex color DBB600 looks on a white background.

Color Contrast Check

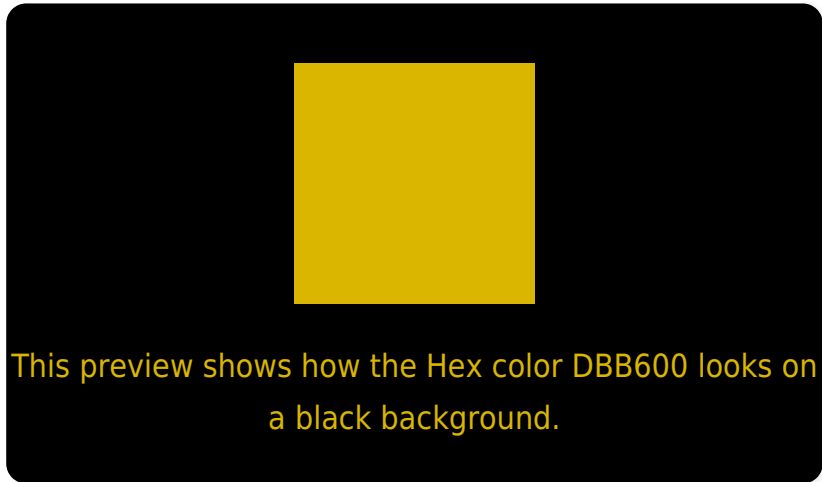
Large Text (above 18pt) WCAG AA × Fail

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 DBB600 Background



This preview shows how black text looks on a background with the Hex color DBB600.



This preview shows how white text looks on a background with the Hex color DBB600.

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
DBB600

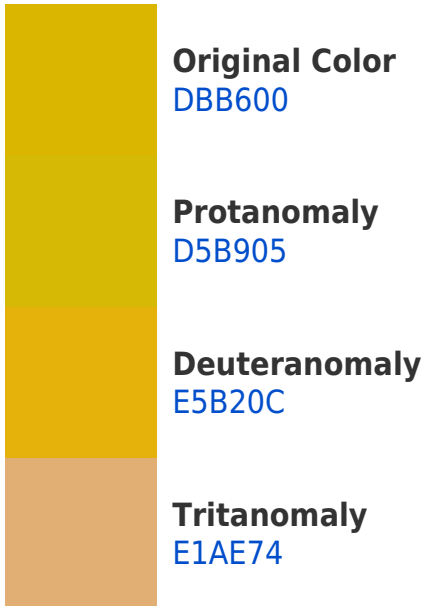
Protanopia
D1BA08

Deuteranopia
EAB013



Tritanopia
E5A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBB600 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 #DBB600 looks like.

```
.text, #text, p{  
    color:#DBB600  
}
```

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 #DBB600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB600
}
```

Border

The CSS property to change the border of an element to Hex DBB600 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
#DBB600 }
```

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

```
.border{ border-color:#DBB600 }
```

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

Here you see how a box with a 4 pixel #DBB600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB600; -webkit-box-shadow:4px 4px  
4px 4px #DBB600; box-shadow:4px 4px 4px  
4px #DBB600 }
```

Background

The CSS property to change the background color of an element to Hex DBB600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB600 }
```

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

```
.background{ background-color:#DBB600 }
```

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