

Converting Colors

Hex(DBBC30)

Have a look what the booklet for
Hex(DBBC30) contains.

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Color

Hex(DBBC30)

Conversions

Conversions Part 1

Format	Color
Hex	DBBC30
RGB	219, 188, 48
RGB Percent	86%, 74%, 19%
CMY	0.1412, 0.2627, 0.8118
CMYK	0.00, 0.14, 0.78, 0.14
HSL	49°, 70%, 52%
HSV	49°, 78%, 86%
XYZ	47.7301, 51.2399, 10.1709
YIQ	181.3090, 63.4160, -36.9680

Conversions

Conversions Part 2

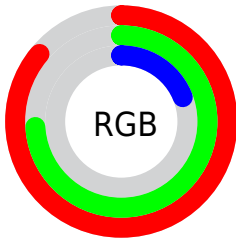
Format	Color
R_YB	86, 219, 48
Decimal	14400560
CIE Lab	76.82, -2.68, 69.29
CIE LCh	77, 69.347, 92.214
Yxy	51.2399, 0.4373, 0.4695
Android (android.graphics.Color)	4292590640 (0xFFDBC30)
YUV	181.3090, -65.7213, 33.0550
Hunter-Lab	71.5821, -6.2467, 41.6830

Details

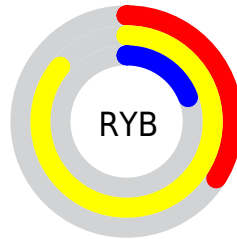
The Hex color **DBBC30** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted orange. A complement of this color would be **304FDB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF46A**, and **A08700** is the 20% darker color. If you saturate the color by 10%, you get **DBB81A**, and if you desaturate by 10%, it is **DBC046**.

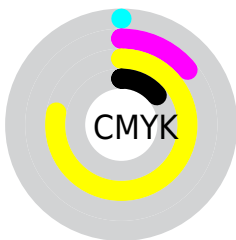
Distribution



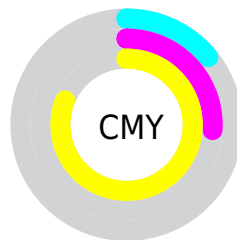
- Red (86%)
- Green (74%)
- Blue (19%)



- Red (34%)
- Yellow (86%)
- Blue (19%)



- Cyan (0%)
- Magenta (14%)
- Yellow (78%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBBC30 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 DBBC30 by changing the saturation by 10% instead.

 DBBC30

 DBBC30

FFFFFF

 BDA106

 FFF46A

 A08700

 FFFF85

 836E00


 FFFFA1

 675600

 FFFFBE

 4B3F00

 FFFFDB

 312A00

 FFFFF8

 191600

 000000

 DBBC30

 DBBC30

 DBB81A

 DBC046

 DBB404

 DBC45C

 DBB300

 DBC872

 DBCC88

 DBD09D

 DBD4B3

 DBD8C9

 DBDCDF

 DBE0F5

Harmonies

Analogous

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



FFA44A



DBBC30



9ACE48

Triad

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



DBBC30



00DBFF



FF90FB

Complementary

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



DBBC30



304FDB

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.



C5ABFF



DBBC30



00D4FF

Square

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



DBBC30



00DCC1



0DC3FF



FF81BB

Rectangle

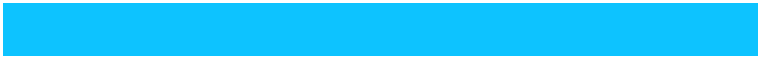
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBBC30



60D56B



0DC3FF



FB98FF

Sweetspot

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



DBBC30



FFF4C4



DB304F



80795C



000000



808080

Same Dimension

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



DBBC30



FFD40F



A5DB30



6E6C63



AD8E00



2E2600

Inverse Universe

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



304FDB



0F3BFF



6630DB



63656E



001FAD



00082E

Previews

White Background



This preview shows how the Hex color DBBC30 looks on a white background.

Color Contrast Check

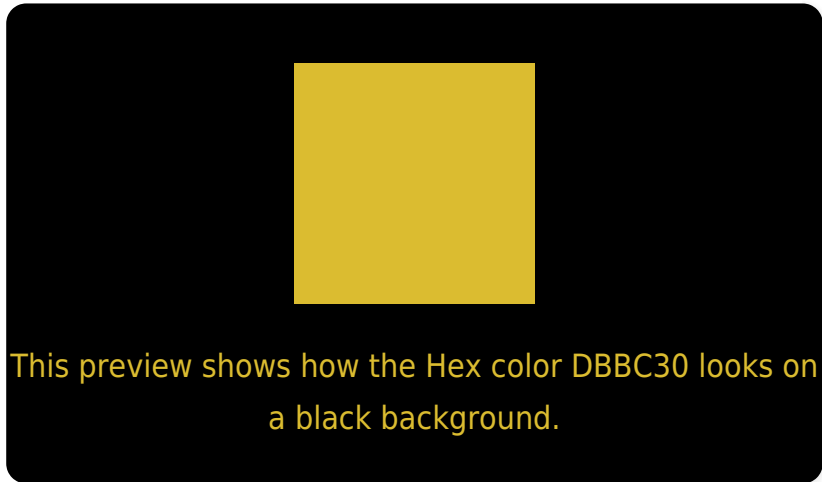
Large Text (above 18pt) WCAG AA × Fail

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 DBBC30 Background



This preview shows how black text looks on a background with the Hex color DBBC30.



This preview shows how white text looks on a background with the Hex color DBBC30.

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
DBBC30

Protanopia
D5BE31

Deuteranopia
EEB434



Tritanopia
E5AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBBC30 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 #DBBC30 looks like.

```
.text, #text, p{  
    color:#DBBC30  
}
```

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 #DBBC30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBBC30
}
```

Border

The CSS property to change the border of an element to Hex DBBC30 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
#DBBC30 }
```

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

```
.border{ border-color:#DBBC30 }
```

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

Here you see how a box with a 4 pixel #DBBC30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBBC30; -webkit-box-shadow:4px 4px  
4px 4px #DBBC30; box-shadow:4px 4px 4px  
4px #DBBC30 }
```

Background

The CSS property to change the background color of an element to Hex DBBC30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBBC30 }
```

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

```
.background{ background-color:#DBBC30 }
```

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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