

Converting Colors

Hex(D1BB00)

Have a look what the booklet for
Hex(D1BB00) contains.

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Color

Hex(D1BB00)

Conversions

Conversions Part 1

Format	Color
Hex	D1BB00
RGB	209, 187, 0
RGB Percent	82%, 73%, 0%
CMY	0.1804, 0.2667, 1.0000
CMYK	0.00, 0.11, 1.00, 0.18
HSL	54°, 100%, 41%
HSV	54°, 100%, 82%
XYZ	44.0648, 49.0960, 7.1540
YIQ	172.2600, 73.1390, -53.4930

Conversions

Conversions Part 2

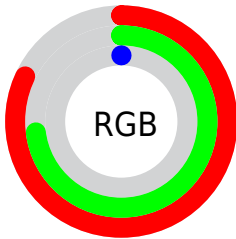
Format	Color
R _Y B	25, 209, 0
Decimal	13744896
CIE Lab	75.51, -7.46, 77.07
CIE LCh	76, 77.435, 95.532
Yxy	49.0960, 0.4393, 0.4894
Android (android.graphics.Color)	4291934976 (0xFFD1BB00)
YUV	172.2600, -84.9242, 32.2210
Hunter-Lab	70.0685, -10.3645, 42.9944

Details

The Hex color **D1BB00** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed orange. A complement of this color would be **0016D1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFF352**, and **968600** is the 20% darker color. If you saturate the color by 10%, you get **D1BB00**, and if you desaturate by 10%, it is **D1BD15**.

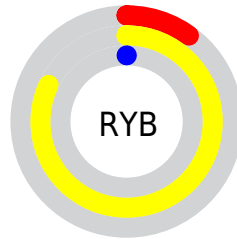
Distribution



Red (82%)

Green (73%)

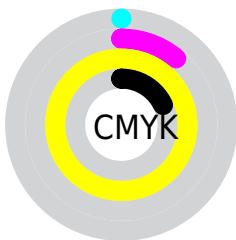
Blue (0%)



Red (10%)

Yellow (82%)

Blue (0%)

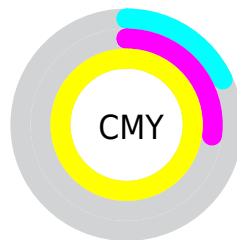


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1BB00 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 D1BB00 by changing the saturation by 10% instead.

 D1BB00

 D1BB00

FFFFFF

 B3A000

 FFF352

 968600

 FFFF6F

 796D00

 FFFF8B

 5D5500

 FFFFA8

 423E00

 FFFFC5

 282900

 FFFF E2

 0B1500

 000000

 D1BB00

 D1BD15

 D1BF2A

 D1C23F

 D1C454

 D1C669

 D1C87D

 D1CA92

 D1CDA7

 D1CFBC

Harmonies

Analogous

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



FFA02F



D1BB00



86CD39

Triad

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



D1BB00



00DAFF



FF81F7

Complementary

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



D1BB00



0016D1

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.



CCA1FF



D1BB00



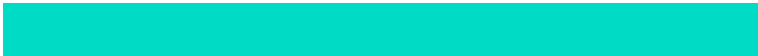
00D1FF

Square

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



D1BB00



00DBC6



00BEFF



FF72B0

Rectangle

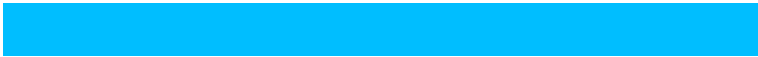
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1BB00



35D564



00BEFF



FF8BFF

Sweetspot

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



D1BB00



FFF7B3



D10018



807B52



000000



808080

Same Dimension

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



D1BB00



FFE400



81D100



69675E



A89700



292500

Inverse Universe

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



0016D1



001BFF



5000D1



5E5F69



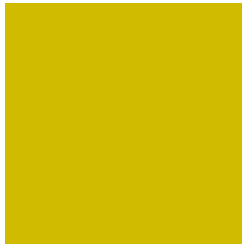
0012A8



000429

Previews

White Background



This preview shows how the Hex color D1BB00 looks on a white background.

Color Contrast Check

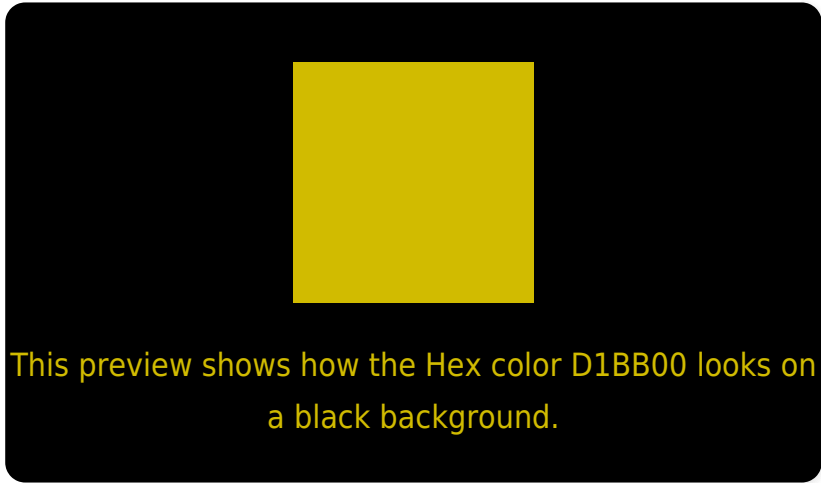
Large Text (above 18pt) WCAG AA × Fail

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 D1BB00 Background



This preview shows how black text looks on a background with the Hex color D1BB00.

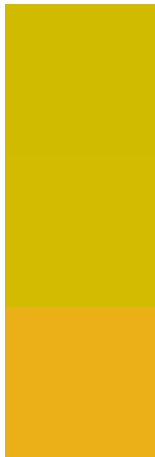


This preview shows how white text looks on a background with the Hex color D1BB00.

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
D1BB00

Protanopia
D2BB00

Deuteranopia
EBB018

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1BB00 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 #D1BB00 looks like.

```
.text, #text, p{  
    color:#D1BB00  
}
```

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 #D1BB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1BB00
}
```

Border

The CSS property to change the border of an element to Hex D1BB00 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
#D1BB00 }
```

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

```
.border{ border-color:#D1BB00 }
```

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

Here you see how a box with a 4 pixel #D1BB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1BB00; -webkit-box-shadow:4px 4px  
4px 4px #D1BB00; box-shadow:4px 4px 4px  
4px #D1BB00 }
```

Background

The CSS property to change the background color of an element to Hex D1BB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1BB00 }
```

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

```
.background{ background-color:#D1BB00 }
```

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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