

Converting Colors

Hex(D0B908)

Have a look what the booklet for
Hex(D0B908) contains.

Hex(D0B908)	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(D0B908)

Conversions

Conversions Part 1

Format	Color
Hex	D0B908
RGB	208, 185, 8
RGB Percent	82%, 73%, 3%
CMY	0.1843, 0.2745, 0.9686
CMYK	0.00, 0.11, 0.96, 0.18
HSL	53°, 93%, 42%
HSV	53°, 96%, 82%
XYZ	43.4052, 48.1254, 7.2312
YIQ	171.6990, 70.5250, -50.1710

Conversions

Conversions Part 2

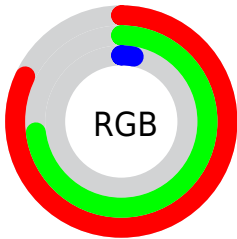
Format	Color
R _Y B	34, 208, 8
Decimal	13678856
CIE Lab	74.90, -6.79, 75.74
CIE LCh	75, 76.042, 95.122
Yxy	48.1254, 0.4395, 0.4873
Android (android.graphics.Color)	4291868936 (0xFFD0B908)
YUV	171.6990, -80.7036, 31.8360
Hunter-Lab	69.3724, -9.7172, 42.3805

Details

The Hex color **D0B908** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **081FD0**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFF153**, and **958400** is the 20% darker color. If you saturate the color by 10%, you get **D0B800**, and if you desaturate by 10%, it is **D0BB1D**.

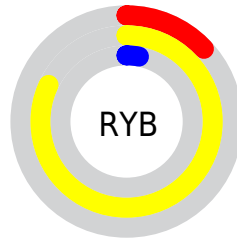
Distribution



Red (82%)

Green (73%)

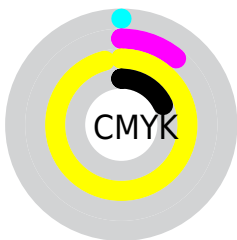
Blue (3%)



Red (13%)

Yellow (82%)

Blue (3%)

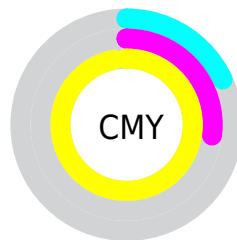


Cyan (0%)

Magenta (11%)

Yellow (96%)

Black (18%)



Cyan (18%)

Magenta (27%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0B908 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 D0B908 by changing the saturation by 10% instead.

 D0B908

 D0B908

FFFFFF

 B29E00

 FFF153

 958400

 FFFF70

 786B00

 FFFF8D

 5C5400

 FFFFA9

 413D00

 FFFFC6

 272700

 FFFF E4

 0A1400

 000000

 D0B908

 D0B908

 D0B800

 D0BB1D

 D0BE32

 D0C046

 D0C35B

 D0C570

 D0C785

 D0CA9A

 D0CCAE

 D0CFC3

Harmonies

Analogous

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



FF9F31



D0B908



87CB39

Triad

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



D0B908



00D8FF



FF81F5

Complementary

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



D0B908



081FD0

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.



C9A0FF



D0B908



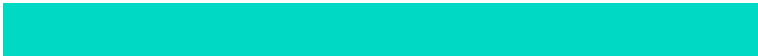
00CFFF

Square

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



D0B908



00D9C3



00BDFE



FF72AF

Rectangle

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



D0B908



3AD263



00BDFF



FF8BFF

Sweetspot

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



D0B908



FFF6B5



D0081F



807A53



000000



808080

Same Dimension

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



D0B908



FFE200



83D008



69675E



A89500



292400

Inverse Universe

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



081FD0



001DFF



5508D0



5E5F69



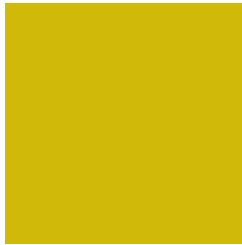
0013A8



000529

Previews

White Background



This preview shows how the Hex color D0B908 looks on a white background.

Color Contrast Check

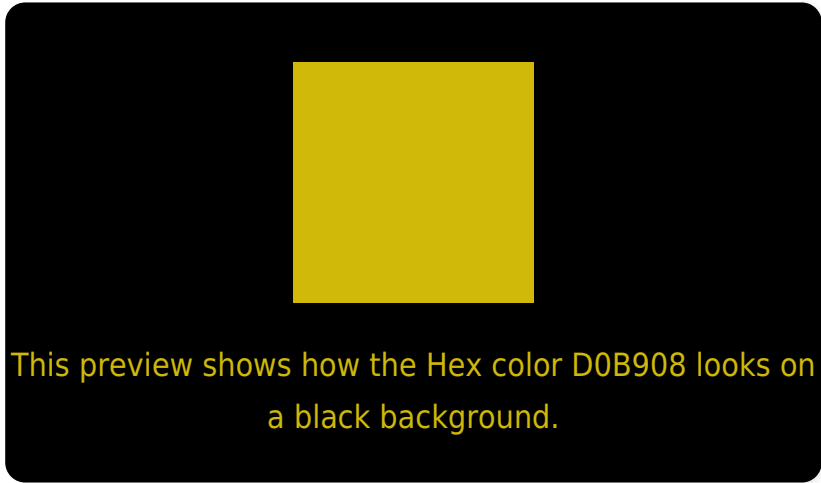
Large Text (above 18pt) WCAG AA × Fail

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 D0B908 Background



This preview shows how black text looks on a background with the Hex color D0B908.



This preview shows how white text looks on a background with the Hex color D0B908.

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
D0B908

Protanopia
D0B908

Deuteranopia
E9AF18

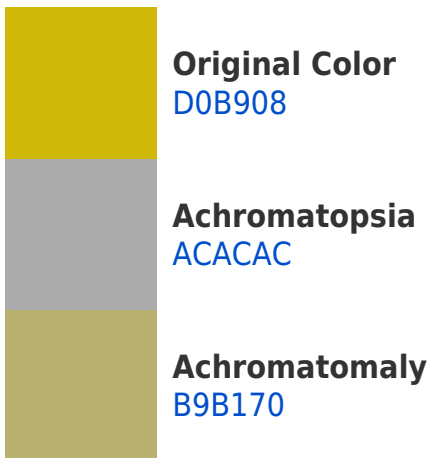


Tritanopia
DBACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0B908 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 #D0B908 looks like.

```
.text, #text, p{  
    color:#D0B908  
}
```

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 #D0B908 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B908  
}
```

Border

The CSS property to change the border of an element to Hex D0B908 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  
#D0B908 }
```

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

```
.border{ border-color:#D0B908 }
```

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

Here you see how a box with a 4 pixel #D0B908 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B908; -webkit-box-shadow:4px 4px  
4px 4px #D0B908; box-shadow:4px 4px 4px  
4px #D0B908 }
```

Background

The CSS property to change the background color of an element to Hex D0B908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B908 }
```

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

```
.background{ background-color:#D0B908 }
```

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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