

# Converting Colors

Hex(D1B91B)

Have a look what the booklet for  
Hex(D1B91B) contains.

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**Color**

**Hex(D1B91B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1B91B
RGB	209, 185, 27
RGB Percent	82%, 73%, 11%
CMY	0.1804, 0.2745, 0.8941
CMYK	0.00, 0.11, 0.87, 0.18
HSL	52°, 77%, 46%
HSV	52°, 87%, 82%
XYZ	43.8413, 48.3324, 8.0553
YIQ	174.1640, 65.0220, -44.0500

# Conversions

## Conversions Part 2

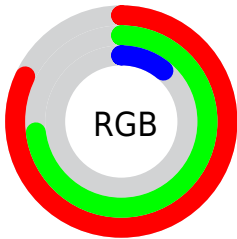
Format	Color
<a href="#">RYB</a>	<a href="#">55, 209, 27</a>
Decimal	<a href="#">13744411</a>
CIELab	<a href="#">75.03, -6.06, 73.00</a>
CIELCh	<a href="#">75, 73.247, 94.749</a>
Yxy	<a href="#">48.3324, 0.4374, 0.4822</a>
Android (android.graphics.Color)	<a href="#">4291934491</a> ( <a href="#">0xFFD1B91B</a> )
YUV	<a href="#">174.1640, -72.5519, 30.5512</a>
Hunter-Lab	<a href="#">69.5215, -9.0978, 41.7952</a>

# Details

The Hex color **D1B91B** 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 **1B33D1**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFF15B**, and **968400** is the 20% darker color. If you saturate the color by 10%, you get **D1B606**, and if you desaturate by 10%, it is **D1BC30**.

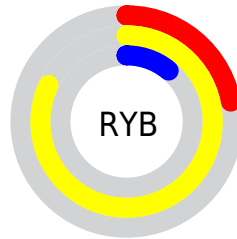
# Distribution



Red (82%)

Green (73%)

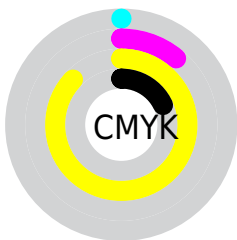
Blue (11%)



Red (22%)

Yellow (82%)

Blue (11%)

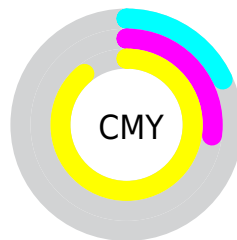


Cyan (0%)

Magenta (11%)

Yellow (87%)

Black (18%)



Cyan (18%)

Magenta (27%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1B91B 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 D1B91B by changing the saturation by 10% instead.



 D1B91B

 D1B91B

FFFFFF

 B39E00

 FFF15B

 968400

 FFFF77

 796B00

 FFFF94

 5D5400

 FFFFB0

 423D00

 FFFFCD

 292700

 FFFFEA

 0C1400

 000000

 D1B91B

 D1B91B

 D1B606

 D1BC30

 D1B500

 D1BF45

 D1C15A

 D1C46F

 D1C784

 D1CA98

 D1CCAD

 D1CFC2

 D1D2D7

# Harmonies

## Analogous

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



FFA039



D1B91B



8BCB3F

# Triad

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



D1B91B



00D7FF



FF85F4

# Complementary

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



D1B91B



1B33D1

# 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.



C8A2FF



D1B91B



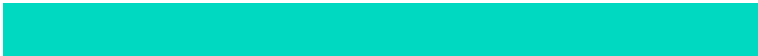
00CFFF

# Square

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



D1B91B



00D9C2



00BDFE



FF77B1

# Rectangle

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



D1B91B



46D266



00BDFF



FF8EFF



# Sweetspot

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



D1B91B



FFF6BD



D11B33



807A58



000000



808080



# Same Dimension

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



D1B91B



FFDD00



8ED11B



69675E



A89200



292300



# Inverse Universe

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



1B33D1



0022FF



5E1BD1



5E5F69



0016A8



000529



# Previews

## White Background



This preview shows how the Hex color D1B91B looks on a white background.

## Color Contrast Check

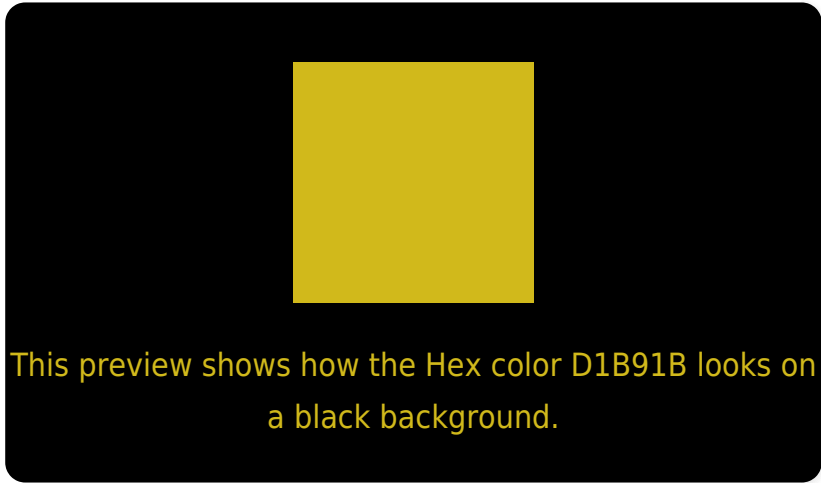
Large Text (above 18pt) WCAG AA × Fail

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 D1B91B Background



This preview shows how black text looks on a background with the Hex color D1B91B.



This preview shows how white text looks on a background with the Hex color D1B91B.

# 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



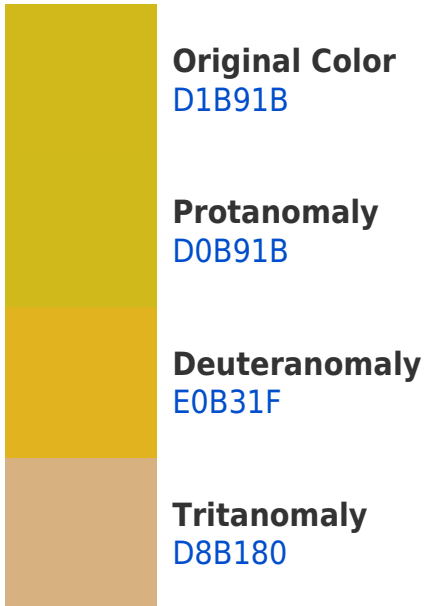
**Original Color**  
D1B91B

**Protanopia**  
D0B91B

**Deuteranopia**  
E9AF22



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1B91B 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 #D1B91B looks like.

```
.text, #text, p{  
    color:#D1B91B  
}
```

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 #D1B91B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1B91B  
}
```

## Border

The CSS property to change the border of an element to Hex D1B91B 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  
#D1B91B }
```

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

```
.border{ border-color:#D1B91B }
```

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

Here you see how a box with a 4 pixel #D1B91B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1B91B; -webkit-box-shadow:4px 4px  
4px 4px #D1B91B; box-shadow:4px 4px 4px  
4px #D1B91B }
```

# Background

The CSS property to change the background color of an element to Hex D1B91B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1B91B }
```

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

```
.background{ background-color:#D1B91B }
```

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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