

# Converting Colors

Hex(D0B91E)

Have a look what the booklet for  
Hex(D0B91E) contains.

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**Color**

**Hex(D0B91E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0B91E
RGB	208, 185, 30
RGB Percent	82%, 73%, 12%
CMY	0.1843, 0.2745, 0.8824
CMYK	0.00, 0.11, 0.86, 0.18
HSL	52°, 75%, 47%
HSV	52°, 86%, 82%
XYZ	43.5957, 48.2016, 8.2344
YIQ	174.2070, 63.4630, -43.3290

# Conversions

## Conversions Part 2

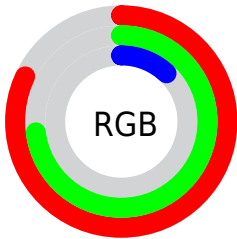
Format	Color
<b>RYB</b>	56, 208, 30
Decimal	13678878
CIELab	74.95, -6.43, 72.24
CIELCh	75, 72.522, 95.089
Yxy	48.2016, 0.4358, 0.4819
Android (android.graphics.Color)	4291868958 (0xFFD0B91E)
YUV	174.2070, -71.0941, 29.6365
Hunter-Lab	69.4273, -9.4118, 41.5671

# Details

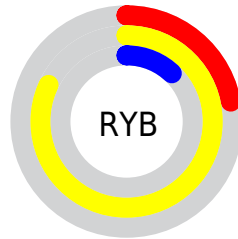
The Hex color **D0B91E** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1E35D0**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **FFF15D**, and **958400** is the 20% darker color. If you saturate the color by 10%, you get **D0B609**, and if you desaturate by 10%, it is **D0BC33**.

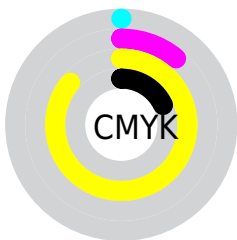
# Distribution



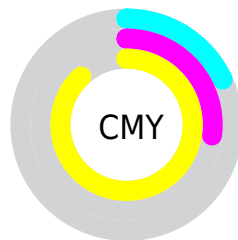
- Red (82%)
- Green (73%)
- Blue (12%)



- Red (22%)
- Yellow (82%)
- Blue (12%)



- Cyan (0%)
- Magenta (11%)
- Yellow (86%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0B91E 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 D0B91E by changing the saturation by 10% instead.



 D0B91E

 D0B91E

FFFFFF

 B29E00

 FFF15D

 958400

 FFFF79

 796B00

 FFFF95

 5D5400

 FFFFB2

 413D00

 FFFFCE

 282700

 FFFFEC

 0B1400

 000000

 D0B91E

 D0B91E

 D0B609

 D0BC33

 D0B500

 D0BE48

 D0C15C

 D0C471

 D0C686

 D0C99B

 D0CCB0

 D0CFC4

 D0D1D9

# Harmonies

## Analogous

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



FFA03A



D0B91E



8ACA41

# Triad

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



D0B91E



00D7FF



FF85F2

# Complementary

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



D0B91E



1E35D0

# 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.



C9A2FF



D0B91E



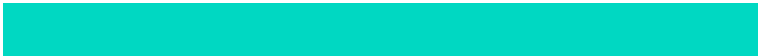
00CEFF

# Square

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



D0B91E



00D8C2



08BDFE



FF77B0

# Rectangle

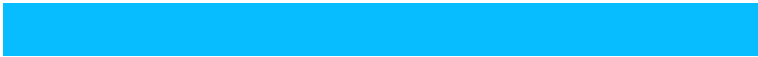
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0B91E



46D268



08BDFF



FF8EFF



# Sweetspot

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



D0B91E



FFF6BD



D01E36



807A58



000000



808080



# Same Dimension

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



D0B91E



FFDE00



8FD01E



69675E



A89300



292400



# Inverse Universe

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



1E35D0



0021FF



5F1ED0



5E5F69



0016A8



000529



# Previews

## White Background



This preview shows how the Hex color D0B91E looks on a white background.

## Color Contrast Check

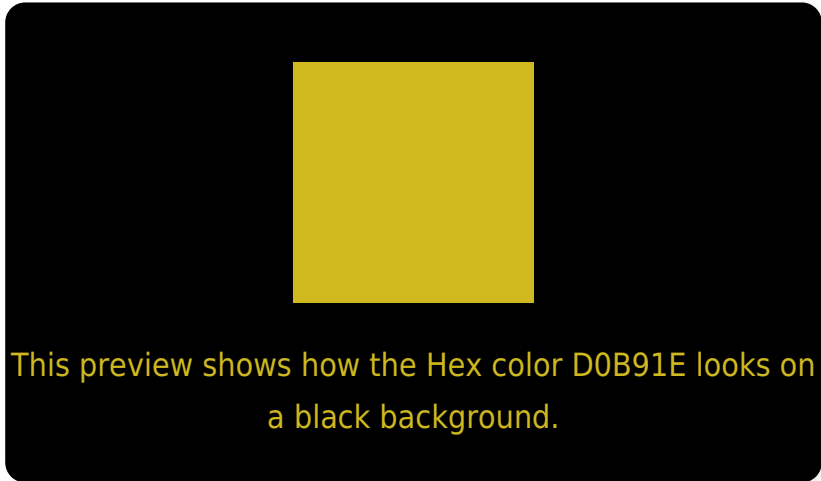
Large Text (above 18pt) WCAG AA × Fail

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 D0B91E Background



This preview shows how black text looks on a background with the Hex color D0B91E.

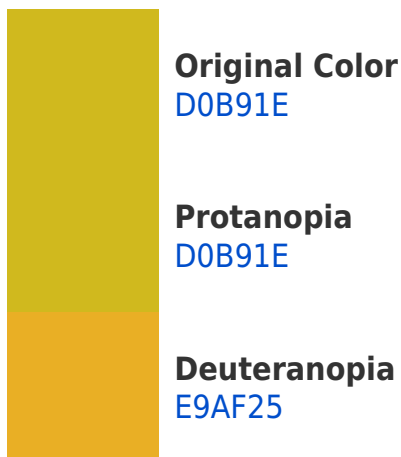


This preview shows how white text looks on a background with the Hex color D0B91E.

# 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





**Tritanopia**  
DBACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0B91E 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 #D0B91E looks like.

```
.text, #text, p{  
    color:#D0B91E  
}
```

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 #D0B91E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B91E
}
```

## Border

The CSS property to change the border of an element to Hex D0B91E 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
#D0B91E }
```

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

```
.border{ border-color:#D0B91E }
```

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

Here you see how a box with a 4 pixel #D0B91E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B91E; -webkit-box-shadow:4px 4px  
4px 4px #D0B91E; box-shadow:4px 4px 4px  
4px #D0B91E }
```

# Background

The CSS property to change the background color of an element to Hex D0B91E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B91E }
```

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

```
.background{ background-color:#D0B91E }
```

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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