

Converting Colors

Hex(D3B12B)

Have a look what the booklet for
Hex(D3B12B) contains.

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Color

Hex(D3B12B)

Conversions

Conversions Part 1

Format	Color
Hex	D3B12B
RGB	211, 177, 43
RGB Percent	83%, 69%, 17%
CMY	0.1725, 0.3059, 0.8314
CMYK	0.00, 0.16, 0.80, 0.17
HSL	48°, 66%, 50%
HSV	48°, 80%, 83%
XYZ	43.0222, 45.4676, 8.7941
YIQ	171.8900, 63.2780, -34.4660

Conversions

Conversions Part 2

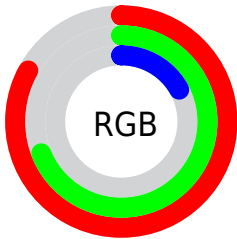
Format	Color
R _Y B	86, 211, 43
Decimal	13873451
CIE Lab	73.20, -0.57, 67.34
CIE LCh	73, 67.342, 90.489
Yxy	45.4676, 0.4422, 0.4674
Android (android.graphics.Color)	4292063531 (0xFFD3B12B)
YUV	171.8900, -63.5428, 34.2995
Hunter-Lab	67.4297, -4.1135, 39.4682

Details

The Hex color **D3B12B** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2B4DD3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE864**, and **987D00** is the 20% darker color. If you saturate the color by 10%, you get **D3AD16**, and if you desaturate by 10%, it is **D3B540**.

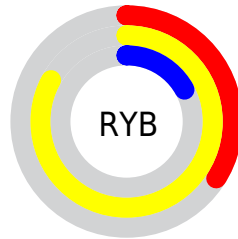
Distribution



Red (83%)

Green (69%)

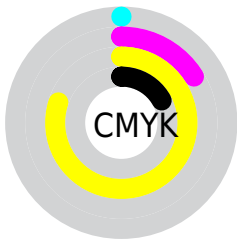
Blue (17%)



Red (34%)

Yellow (83%)

Blue (17%)

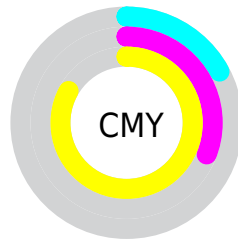


Cyan (0%)

Magenta (16%)

Yellow (80%)

Black (17%)



Cyan (17%)

Magenta (31%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3B12B 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 D3B12B by changing the saturation by 10% instead.

 D3B12B

 D3B12B

FFFFFF

 B59700

 FFE864

 987D00

 FFFF80

 7C6400

 FFFF9C

 604D00

 FFFFB8

 443600

 FFFFD5

 2B2100

 FFFFF2

 100C00

 000000

 D3B12B

 D3B12B

 D3AD16

 D3B540

 D3A801

 D3BA55

 D3A800

 D3BE6A

 D3C27F

 D3C695

 D3CBAA

 D3CFBF

 D3D3D4

 D3D7E9

Harmonies

Analogous

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



FF9A47



D3B12B



95C240

Triad

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



D3B12B



00D0F1



FF89F2

Complementary

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



D3B12B



2B4DD3

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.



B5A3FF



D3B12B



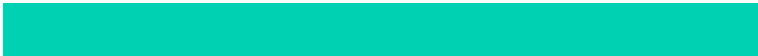
00CAFF

Square

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



D3B12B



00D1B3



00BAFF



FF7AB5

Rectangle

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



D3B12B



5FCA61



00BAFF



EB91FF

Sweetspot

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



D3B12B



FFF3C2



D32B4F



80785B



000000



808080

Same Dimension

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



D3B12B



FFCD0A



A3D32B



69665E



A88600



292100

Inverse Universe

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



2B4DD3



0A3CFF



5B2BD3



5E6069



0022A8



000829

Previews

White Background



This preview shows how the Hex color D3B12B looks on a white background.

Color Contrast Check

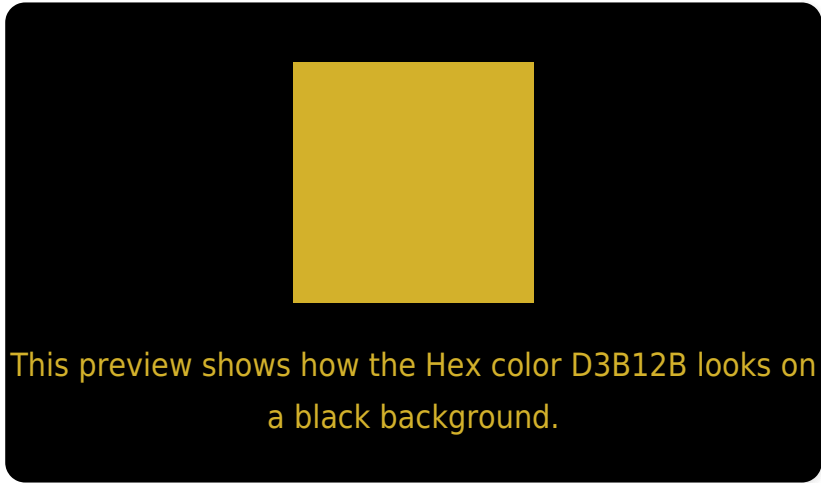
Large Text (above 18pt) WCAG AA × Fail

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 D3B12B Background



This preview shows how black text looks on a background with the Hex color D3B12B.



This preview shows how white text looks on a background with the Hex color D3B12B.

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

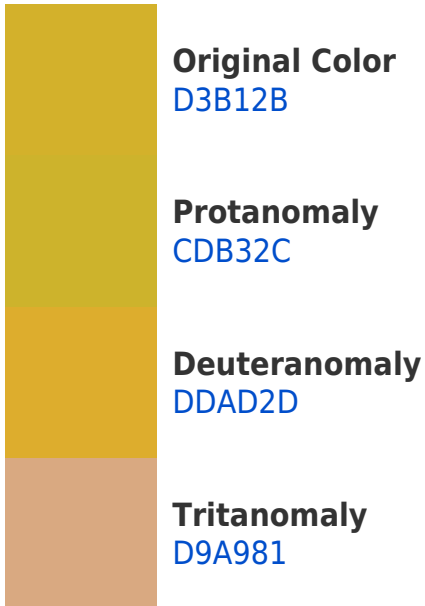


Original Color
D3B12B

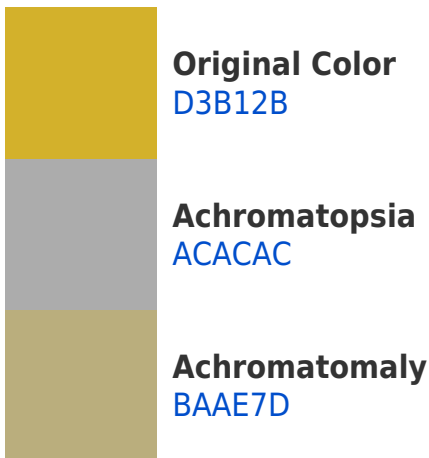
Protanopia
CAB42C

Deuteranopia
E2AB2E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3B12B 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 #D3B12B looks like.

```
.text, #text, p{  
    color:#D3B12B  
}
```

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 #D3B12B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3B12B
}
```

Border

The CSS property to change the border of an element to Hex D3B12B 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
#D3B12B }
```

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

```
.border{ border-color:#D3B12B }
```

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

Here you see how a box with a 4 pixel #D3B12B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3B12B; -webkit-box-shadow:4px 4px  
4px 4px #D3B12B; box-shadow:4px 4px 4px  
4px #D3B12B }
```

Background

The CSS property to change the background color of an element to Hex D3B12B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3B12B }
```

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

```
.background{ background-color:#D3B12B }
```

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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