

Converting Colors

Hex(D1B25B)

Have a look what the booklet for
Hex(D1B25B) contains.

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Color

Hex(D1B25B)

Conversions

Conversions Part 1

Format	Color
Hex	D1B25B
RGB	209, 178, 91
RGB Percent	82%, 70%, 36%
CMY	0.1804, 0.3020, 0.6431
CMYK	0.00, 0.15, 0.56, 0.18
HSL	44°, 56%, 59%
HSV	44°, 56%, 82%
XYZ	44.1032, 46.1514, 16.4812
YIQ	177.3510, 46.4030, -20.4850

Conversions

Conversions Part 2

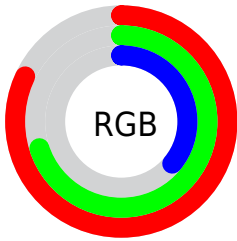
Format	Color
RYB	133, 209, 91
Decimal	13742683
CIELab	73.64, 0.70, 47.97
CIELCh	74, 47.976, 89.168
Yxy	46.1514, 0.4132, 0.4324
Android (android.graphics.Color)	4291932763 (0xFFD1B25B)
YUV	177.3510, -42.5710, 27.7562
Hunter-Lab	67.9348, -3.0040, 33.1705

Details

The Hex color **D1B25B** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5B7AD1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE98F**, and **987E28** is the 20% darker color. If you saturate the color by 10%, you get **D1AD46**, and if you desaturate by 10%, it is **D1B770**.

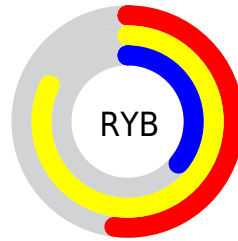
Distribution



Red (82%)

Green (70%)

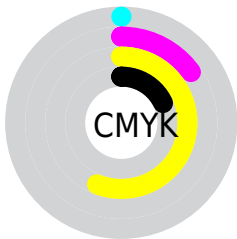
Blue (36%)



Red (52%)

Yellow (82%)

Blue (36%)

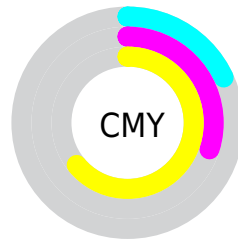


Cyan (0%)

Magenta (15%)

Yellow (56%)

Black (18%)



Cyan (18%)

Magenta (30%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1B25B 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 D1B25B by changing the saturation by 10% instead.

 D1B25B

 D1B25B

FFFFFF

 B49742

 FFE98F

 987E28

 FFFFAB

 7C650B

 FFFFC6

 614D00

 FFFF E3

 473700

 2D2200

 140C00

 000000

 D1B25B

 D1B25B

 D1AD46

 D1B770

 D1A731

 D1BD85

 D1A21C

 D1C29A

 D19C07

 D1C8AF

 D19A00

 D1CDC4

 D1D3D8

 D1D8ED

 D1DEFF

 D1E3FF

Harmonies

Analogous

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



F4A26A



D1B25B



A4BF66

Triad

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



D1B25B



00CBDE



EA9AE3

Complementary

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



D1B25B



5B7AD1

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.



B7AAFF



D1B25B



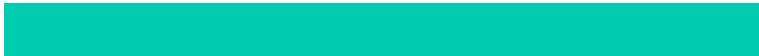
00C5FF

Square

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



D1B25B



00CCB2



69BAFF



FF91B8

Rectangle

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



D1B25B



81C57A



69BAFF



DC9FEF

Sweetspot

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



D1B25B



FFF4D4



D15B7A



807966



000000



808080

Same Dimension

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



D1B25B



FFD152



B5D15B



69665E



A87C00



291E00

Inverse Universe

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



5B7AD1



527FFF



775BD1



5E6169



002CA8



000B29

Previews

White Background



This preview shows how the Hex color D1B25B looks on a white background.

Color Contrast Check

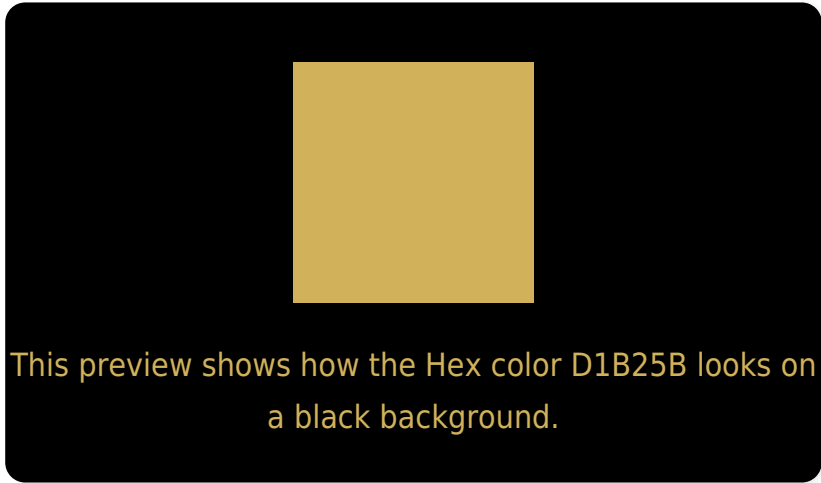
Large Text (above 18pt) WCAG AA × Fail

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 D1B25B Background



This preview shows how black text looks on a background with the Hex color D1B25B.



This preview shows how white text looks on a background with the Hex color D1B25B.

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](#).

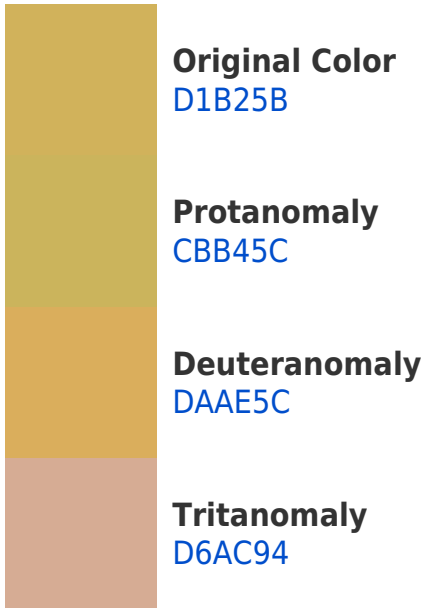
Dichromacy





Tritanopia
D9A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1B25B 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 #D1B25B looks like.

```
.text, #text, p{  
    color:#D1B25B  
}
```

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 #D1B25B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1B25B  
}
```

Border

The CSS property to change the border of an element to Hex D1B25B 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  
#D1B25B }
```

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

```
.border{ border-color:#D1B25B }
```

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

Here you see how a box with a 4 pixel #D1B25B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1B25B; -webkit-box-shadow:4px 4px  
4px 4px #D1B25B; box-shadow:4px 4px 4px  
4px #D1B25B }
```

Background

The CSS property to change the background color of an element to Hex D1B25B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1B25B }
```

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

```
.background{ background-color:#D1B25B }
```

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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