

# Converting Colors

Hex(D1835B)

Have a look what the booklet for  
Hex(D1835B) contains.

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**Color**

**Hex(D1835B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1835B
RGB	209, 131, 91
RGB Percent	82%, 51%, 36%
CMY	0.1804, 0.4863, 0.6431
CMYK	0.00, 0.37, 0.56, 0.18
HSL	20°, 56%, 59%
HSV	20°, 56%, 82%
XYZ	36.2991, 30.5432, 13.8798
YIQ	149.7620, 59.3280, 4.0960

# Conversions

## Conversions Part 2

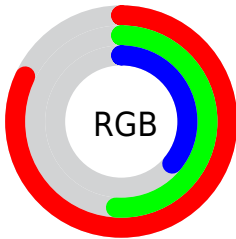
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 152, 91
Decimal	13730651
CIE Lab	62.12, 26.04, 34.03
CIE LCh	62, 42.852, 52.582
Yxy	30.5432, 0.4497, 0.3784
Android (android.graphics.Color)	4291920731 (0xFFD1835B)
YUV	149.7620, -28.9697, 51.9517
Hunter-Lab	55.2659, 20.5249, 23.7957

# Details

The Hex color **D1835B** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5BA9D1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB98E**, and **97512C** is the 20% darker color. If you saturate the color by 10%, you get **D17546**, and if you desaturate by 10%, it is **D19170**.

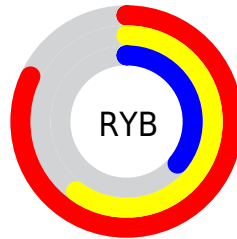
# Distribution



Red (82%)

Green (51%)

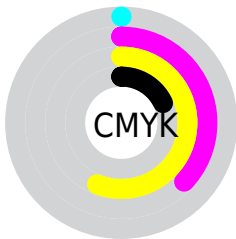
Blue (36%)



Red (82%)

Yellow (60%)

Blue (36%)

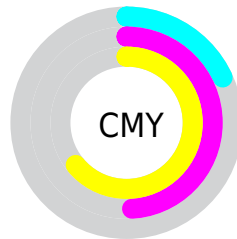


Cyan (0%)

Magenta (37%)

Yellow (56%)

Black (18%)



Cyan (18%)

Magenta (49%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1835B 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 D1835B by changing the saturation by 10% instead.



 D1835B

 D1835B

FFFFFF

 B46943

 FFB98E

 97512C

 FFD4A9

 7A3915

 FFF1C4

 5F2200

 FFFFFE0

 430B00

FFFFFFD

 2B0000

 000000

 D1835B

 D1835B

 D17546

 D19170

 D16731

 D19F85

 D15A1C

 D1AC9A

 D14C07

 D1BAAF

 D14700

 D1C8C4

 D1D6D8

 D1E4ED

 D1F2FF

 D1FFFF

# Harmonies

## Analogous

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



DE797B



D1835B



B69149

# Triad

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



D1835B



1CA98B



8B90DC

# Complementary

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



D1835B



5BA9D1

# 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.



3E9DE1



D1835B



00A9B2

# Square

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



D1835B



64A566



00A6D2



BC81C5

# Rectangle

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



D1835B



9E994A



00A6D2



7595E0

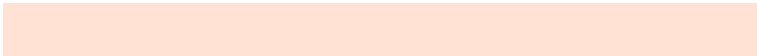


# Sweetspot

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



D1835B



FFE2D4



D15BAA



806F66



000000



808080



# Same Dimension

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



D1835B



FF8C52



D1BD5B



69625E



A83900



290E00



# Inverse Universe

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



5BA9D1



52C4FF



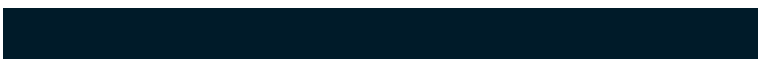
5B6FD1



5E6569



006FA8

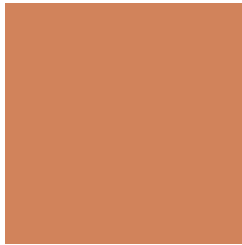


001B29



# Previews

## White Background



This preview shows how the Hex color D1835B looks on a white background.

## Color Contrast Check

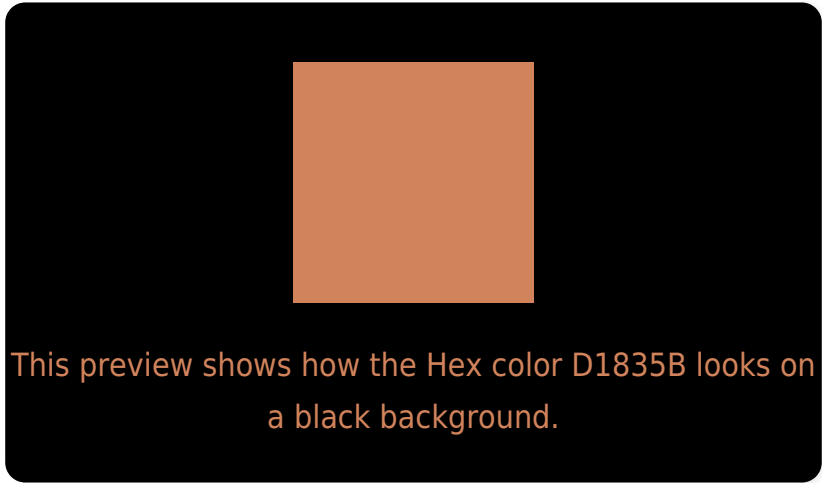
Large Text (above 18pt) WCAG AA × Fail

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

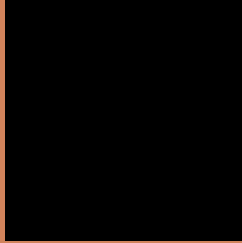
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D1835B Background



This preview shows how black text looks on a background with the Hex color D1835B.



This preview shows how white text looks on a background with the Hex color D1835B.

# 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](#).

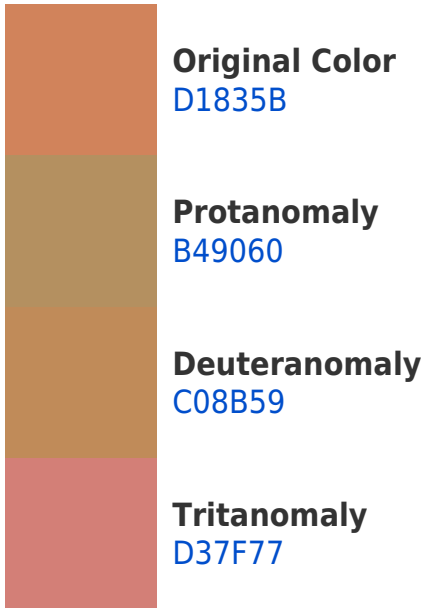
## Dichromacy



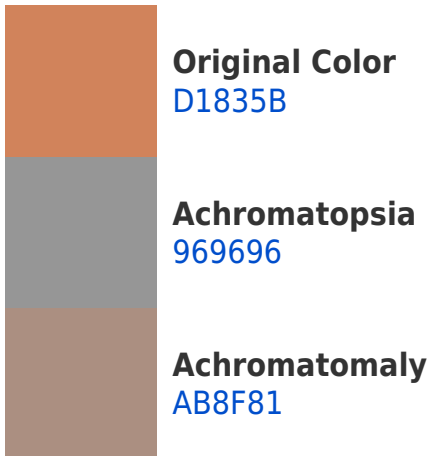


**Tritanopia**  
D47D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1835B 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 #D1835B looks like.

```
.text, #text, p{  
    color:#D1835B  
}
```

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 #D1835B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1835B  
}
```

## Border

The CSS property to change the border of an element to Hex D1835B 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  
#D1835B }
```

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

```
.border{ border-color:#D1835B }
```

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

Here you see how a box with a 4 pixel #D1835B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1835B; -webkit-box-shadow:4px 4px  
4px 4px #D1835B; box-shadow:4px 4px 4px  
4px #D1835B }
```

# Background

The CSS property to change the background color of an element to Hex D1835B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1835B }
```

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

```
.background{ background-color:#D1835B }
```

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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