

# Converting Colors

Hex(D1864C)

Have a look what the booklet for  
Hex(D1864C) contains.

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**Color**

**Hex(D1864C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1864C
RGB	209, 134, 76
RGB Percent	82%, 53%, 30%
CMY	0.1804, 0.4745, 0.7020
CMYK	0.00, 0.36, 0.64, 0.18
HSL	26°, 59%, 56%
HSV	26°, 64%, 82%
XYZ	36.1241, 31.1273, 10.9417
YIQ	149.8130, 63.3180, -2.1380

# Conversions

## Conversions Part 2

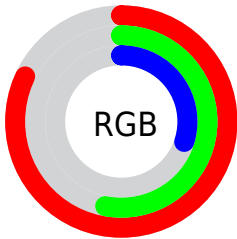
<b>Format</b>	<b>Color</b>
<b>RYB</b>	209, 179, 76
Decimal	13731404
CIELab	62.61, 23.32, 42.56
CIElCh	63, 48.530, 61.279
Yxy	31.1273, 0.4620, 0.3981
Android (android.graphics.Color)	4291921484 (0xFFD1864C)
YUV	149.8130, -36.3898, 51.9070
Hunter-Lab	55.7919, 17.9394, 27.4266

# Details

The Hex color **D1864C** 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 **4C97D1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBC7F**, and **96541C** is the 20% darker color. If you saturate the color by 10%, you get **D17A37**, and if you desaturate by 10%, it is **D19261**.

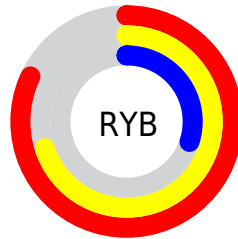
# Distribution



Red (82%)

Green (53%)

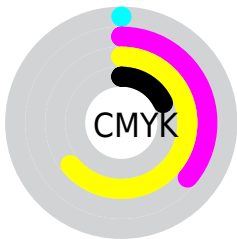
Blue (30%)



Red (82%)

Yellow (70%)

Blue (30%)

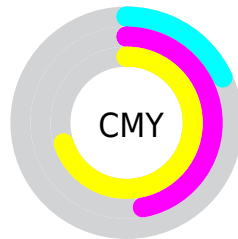


Cyan (0%)

Magenta (36%)

Yellow (64%)

Black (18%)



Cyan (18%)

Magenta (47%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1864C 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 D1864C by changing the saturation by 10% instead.



 D1864C

 D1864C

FFFFFF

 B36C34

 FFBC7F

 96541C

 FFD799

 7A3C01

 FFF4B4

 5E2500

 FFFF00

 420F00

 FFFFED

 2A0000

 000000

 D1864C

 D1864C

 D17A37

 D19261

 D16E22

 D19E76

 D1630D

 D1A98B

 D15B00

 D1B5A0

 D1C1B5

 D1CDC9

 D1D9DE

 D1E4F3

 D1F0FF

# Harmonies

## Analogous

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



E5786D



D1864C



AF963E

# Triad

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



D1864C



00AD98



9C8BE1

# Complementary

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



D1864C



4C97D1

# 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.



499BED



D1864C



00ACC3

# Square

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



D1864C



49AA6C



00A7E2



CE7BC2

# Rectangle

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



D1864C



929E43



00A7E2



8691E8



# Sweetspot

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



D1864C



FFE4CF



D14C97



806F62



000000



808080



# Same Dimension

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



D1864C



FF923D



D1C84C



69635E



A84900



291200



# Inverse Universe

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



4C97D1



3DAAFF



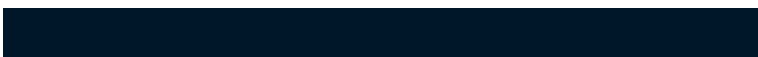
4C55D1



5E6469



005FA8

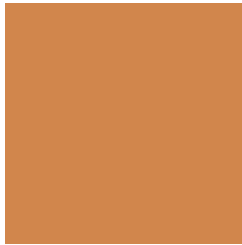


001729



# Previews

## White Background



This preview shows how the Hex color D1864C looks on a white background.

## Color Contrast Check

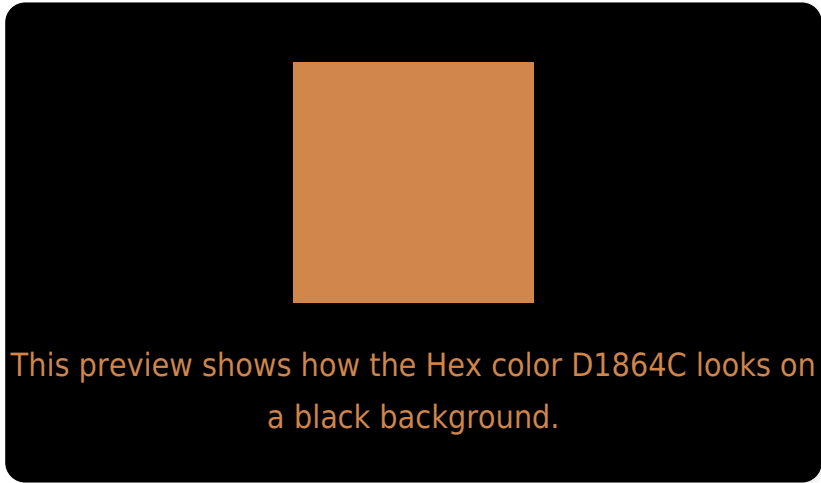
Large Text (above 18pt) WCAG AA × Fail

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

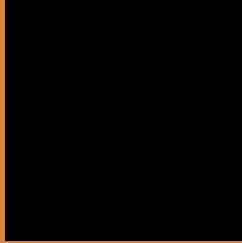
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D1864C Background



This preview shows how black text looks on a background with the Hex color D1864C.



This preview shows how white text looks on a background with the Hex color D1864C.

# 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](#).

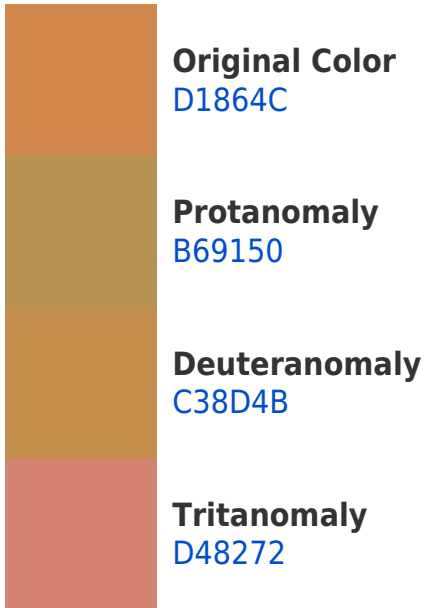
## Dichromacy





**Tritanopia**  
D57F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1864C 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 #D1864C looks like.

```
.text, #text, p{  
    color:#D1864C  
}
```

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 #D1864C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1864C
}
```

## Border

The CSS property to change the border of an element to Hex D1864C 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
#D1864C }
```

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

```
.border{ border-color:#D1864C }
```

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

Here you see how a box with a 4 pixel #D1864C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1864C; -webkit-box-shadow:4px 4px  
4px 4px #D1864C; box-shadow:4px 4px 4px  
4px #D1864C }
```

# Background

The CSS property to change the background color of an element to Hex D1864C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1864C }
```

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

```
.background{ background-color:#D1864C }
```

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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