

Converting Colors

Hex(C1874E)

Have a look what the booklet for
Hex(C1874E) contains.

Hex(C1874E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C1874E)

Conversions

Conversions Part 1

Format	Color
Hex	C1874E
RGB	193, 135, 78
RGB Percent	76%, 53%, 31%
CMY	0.2431, 0.4706, 0.6941
CMYK	0.00, 0.30, 0.60, 0.24
HSL	30°, 48%, 53%
HSV	30°, 60%, 76%
XYZ	32.0314, 29.2155, 11.1586
YIQ	145.8440, 52.8650, -5.4310

Conversions

Conversions Part 2

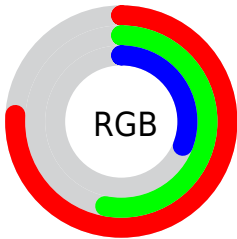
Format	Color
R_{YB}	193, 191, 78
Decimal	12683086
CIE _{Lab}	60.97, 16.18, 39.12
CIE _{LCh}	61, 42.328, 67.532
Yxy	29.2155, 0.4424, 0.4035
Android (android.graphics.Color)	4290873166 (0xFFC1874E)
YUV	145.8440, -33.4471, 41.3558
Hunter-Lab	54.0513, 11.1913, 25.5958

Details

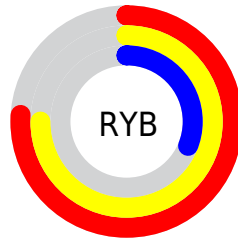
The Hex color **C1874E** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4E88C1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FCBC81**, and **88551E** is the 20% darker color. If you saturate the color by 10%, you get **C17D3B**, and if you desaturate by 10%, it is **C19161**.

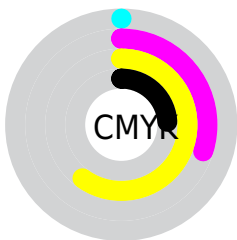
Distribution



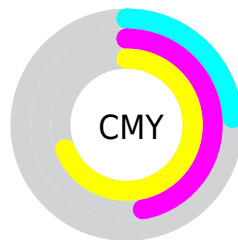
- Red (76%)
- Green (53%)
- Blue (31%)



- Red (76%)
- Yellow (75%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (60%)
- Black (24%)



- Cyan (24%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1874E 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 C1874E by changing the saturation by 10% instead.

 C1874E

 C1874E

FFFFFF

 A46E36

 FCBC81

 88551E

 FFD89B

 6C3E05

 FFF5B6

 522800

 FFFFFD2

 371300

 FFFFFEF

 200000

 000000

 C1874E

 C1874E

 C17D3B

 C19161

 C17427

 C19A75

 C16A14

 C1A488

 C16001

 C1AE9B

 C16000

 C1B8AF

 C1C1C2

 C1CBD5

 C1D5E8

 C1DFFC

Harmonies

Analogous

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



D67A67



C1874E



A19447

Triad

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



C1874E



00A69C



A386CF

Complementary

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



C1874E



4E88C1

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.



6794DD



C1874E



00A5C0

Square

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



C1874E



46A475



009FD8



C979B0

Rectangle

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



C1874E



879B4F



009FD8



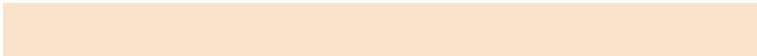
918BD5

Sweetspot

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



C1874E



FAE3CD



C14E89



7D6F61



FCFCFC



7D7D7D

Same Dimension

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



C1874E



FA9F46



C1BF4E



615C57



A15000



211000

Inverse Universe

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



4E88C1



46A1FA



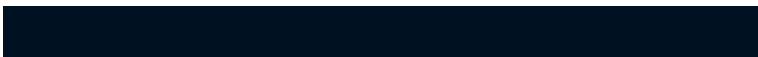
4E50C1



575C61



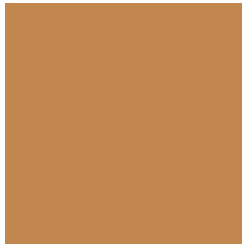
0051A1



001121

Previews

White Background



This preview shows how the Hex color C1874E looks on a white background.

Color Contrast Check

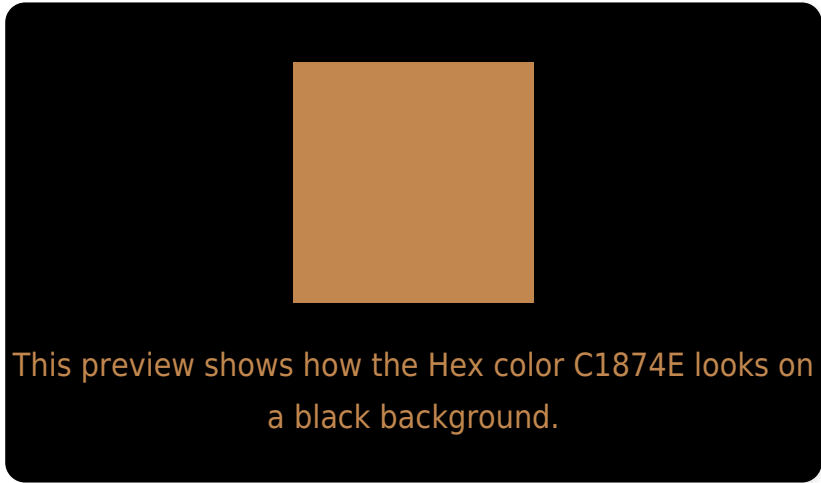
Large Text (above 18pt) WCAG AA ✓ Pass

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

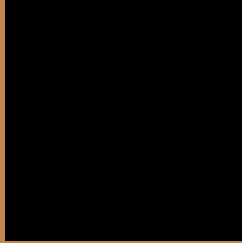
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C1874E Background



This preview shows how black text looks on a background with the Hex color C1874E.



This preview shows how white text looks on a background with the Hex color C1874E.

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
C1874E

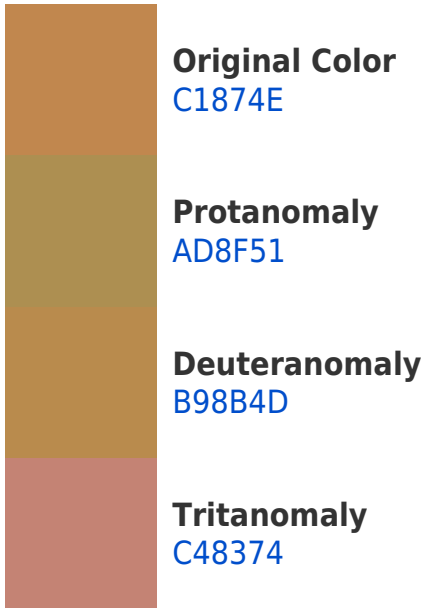
Protanopia
A29452

Deuteranopia
B58D4D

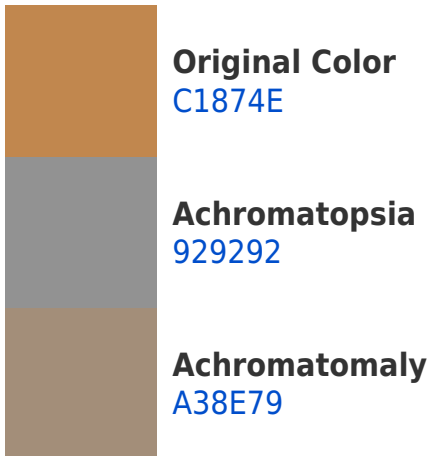


Tritanopia
C5808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1874E 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 #C1874E looks like.

```
.text, #text, p{  
    color:#C1874E  
}
```

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 #C1874E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1874E
}
```

Border

The CSS property to change the border of an element to Hex C1874E 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
#C1874E }
```

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

```
.border{ border-color:#C1874E }
```

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

Here you see how a box with a 4 pixel #C1874E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1874E; -webkit-box-shadow:4px 4px  
4px 4px #C1874E; box-shadow:4px 4px 4px  
4px #C1874E }
```

Background

The CSS property to change the background color of an element to Hex C1874E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1874E }
```

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

```
.background{ background-color:#C1874E }
```

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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