

Converting Colors

Hex(E4875D)

Have a look what the booklet for
Hex(E4875D) contains.

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Color

Hex(E4875D)

Conversions

Conversions Part 1

Format	Color
Hex	E4875D
RGB	228, 135, 93
RGB Percent	89%, 53%, 36%
CMY	0.1059, 0.4706, 0.6353
CMYK	0.00, 0.41, 0.59, 0.11
HSL	19°, 71%, 63%
HSV	19°, 59%, 89%
XYZ	42.6347, 34.6122, 14.7897
YIQ	158.0190, 68.9100, 6.6540

Conversions

Conversions Part 2

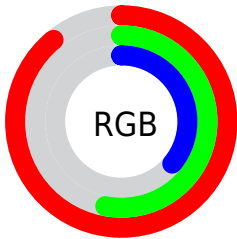
Format	Color
R _Y B	228, 154, 93
Decimal	14976861
CIE Lab	65.45, 31.69, 37.61
CIE LCh	65, 49.183, 49.888
Yxy	34.6122, 0.4632, 0.3761
Android (android.graphics.Color)	4293166941 (0xFFE4875D)
YUV	158.0190, -32.0544, 61.3733
Hunter-Lab	58.8322, 26.3996, 26.2778

Details

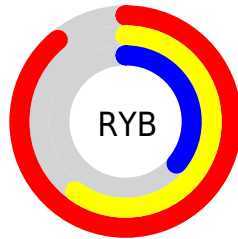
The Hex color **E4875D** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5DBAE4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBD90**, and **A8542D** is the 20% darker color. If you saturate the color by 10%, you get **E47746**, and if you desaturate by 10%, it is **E49774**.

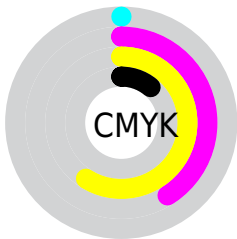
Distribution



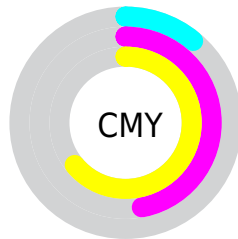
- Red (89%)
- Green (53%)
- Blue (36%)



- Red (89%)
- Yellow (60%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (59%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4875D 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 E4875D by changing the saturation by 10% instead.

 E4875D

 E4875D

FFFFFF

 C66D45

 FFBD90

 A8542D

 FFD9AB

 8B3B16

 FFF6C6

 6E2300

 FFFFE3

 520A00

 370000

 190001

 000000

 E4875D

 E4875D

 E47746

 E49774

 E4682F

 E4A68B

 E45819

 E4B6A1

 E44802

 E4C6B8

 E44700

 E4D6CF

 E4E5E6

 E4F5FD

 E4FFFF

Harmonies

Analogous

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



F27B83



E4875D



C69746

Triad

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



E4875D



00B48E



8A99F2

Complementary

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



E4875D



5DBAE4

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.



01A8F5



E4875D



00B5BB

Square

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



E4875D



68AF64



00B1E1



C788D8

Rectangle

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



E4875D



ABA144



00B1E1



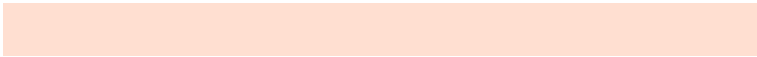
6E9FF6

Sweetspot

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



E4875D



FFDFD1



E45DBC



806C63



000000



808080

Same Dimension

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



E4875D



FF824A



E4C95D



736B67



B33800



331000

Inverse Universe

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



5DBAE4



4AC7FF



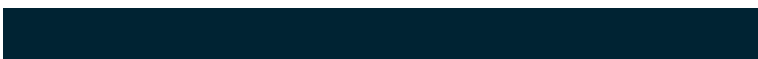
5D78E4



676F73



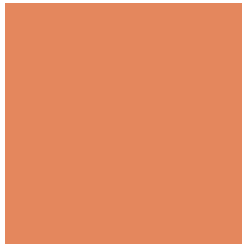
007BB3



002333

Previews

White Background



This preview shows how the Hex color E4875D looks on a white background.

Color Contrast Check

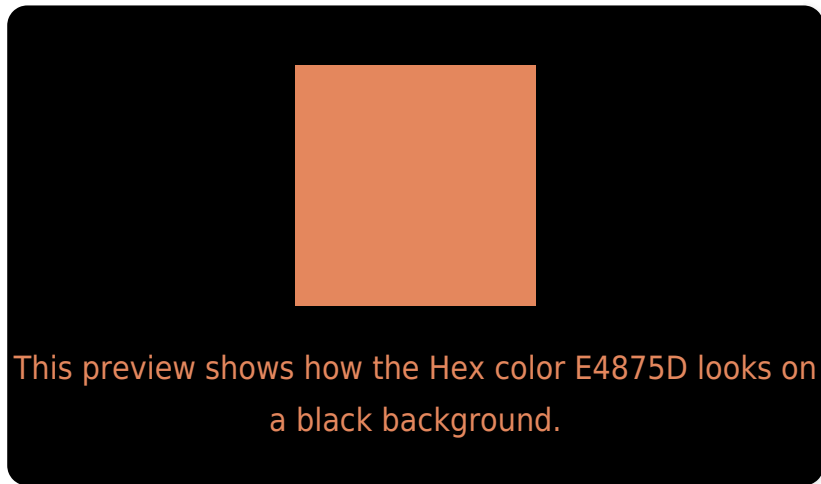
Large Text (above 18pt) WCAG AA × Fail

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

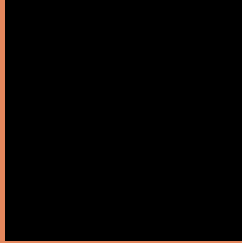
Any Text WCAG AA ✓ Pass

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 E4875D Background



This preview shows how black text looks on a background with the Hex color E4875D.

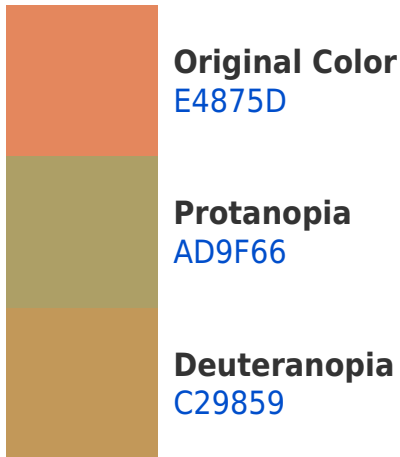


This preview shows how white text looks on a background with the Hex color E4875D.

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](#).

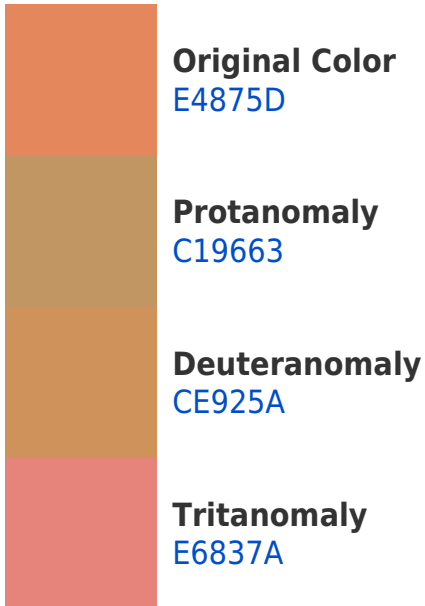
Dichromacy





Tritanopia
E7818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E4875D 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 #E4875D looks like.

```
.text, #text, p{  
    color:#E4875D  
}
```

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 #E4875D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4875D
}
```

Border

The CSS property to change the border of an element to Hex E4875D 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
#E4875D }
```

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

```
.border{ border-color:#E4875D }
```

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

Here you see how a box with a 4 pixel #E4875D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4875D; -webkit-box-shadow:4px 4px  
4px 4px #E4875D; box-shadow:4px 4px 4px  
4px #E4875D }
```

Background

The CSS property to change the background color of an element to Hex E4875D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4875D }
```

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

```
.background{ background-color:#E4875D }
```

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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