

Converting Colors

Hex(E29775)

Have a look what the booklet for
Hex(E29775) contains.

Hex(E29775)	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(E29775)

Conversions

Conversions Part 1

Format	Color
Hex	E29775
RGB	226, 151, 117
RGB Percent	89%, 59%, 46%
CMY	0.1137, 0.4078, 0.5412
CMYK	0.00, 0.33, 0.48, 0.11
HSL	19°, 65%, 67%
HSV	19°, 48%, 89%
XYZ	45.6415, 39.5863, 22.0650
YIQ	169.5490, 55.6140, 5.3260

Conversions

Conversions Part 2

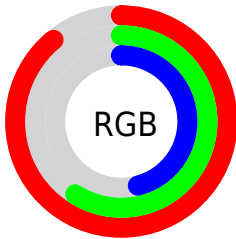
Format	Color
R _Y B	226, 166, 117
Decimal	14849909
CIE Lab	69.17, 24.41, 29.38
CIE LCh	69, 38.196, 50.273
Yxy	39.5863, 0.4254, 0.3690
Android (android.graphics.Color)	4293039989 (0xFFE29775)
YUV	169.5490, -25.9067, 49.5075
Hunter-Lab	62.9177, 19.3810, 23.2496

Details

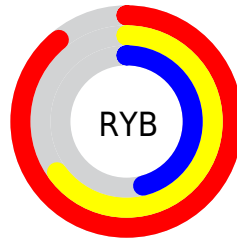
The Hex color **E29775** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75C0E2**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFCEA9**, and **A86444** is the 20% darker color. If you saturate the color by 10%, you get **E2875E**, and if you desaturate by 10%, it is **E2A78C**.

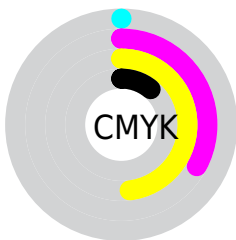
Distribution



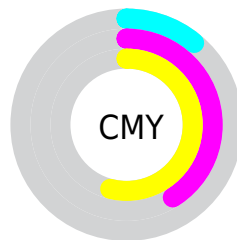
- Red (89%)
- Green (59%)
- Blue (46%)



- Red (89%)
- Yellow (65%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (48%)
- Black (11%)



- Cyan (11%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color E29775 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 E29775 by changing the saturation by 10% instead.

 E29775

 E29775

FFFFFF

 C57D5C

 FFCEA9

 A86444

 FFEAC5

 8B4B2D

 FFFFE1

 703417

FFFFFFE

 551D00

 3A0600

 230001

 000000

 E29775

 E29775

 E2875E

 E2A78C

 E27848

 E2B6A2

 E26831

 E2C6B9

 E2591B

 E2D5CF

 E24904

 E2E5E6

 E24600

 E2F4FD

 E2FFFF

Harmonies

Analogous

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



EC8F93



E29775



CAA364

Triad

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



E29775



52BB9C



9CA4EA

Complementary

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



E29775



75C0E2

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.



62B0EC



E29775



18BBC0

Square

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



E29775



80B67B



1DB8DD



C997D5

Rectangle

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



E29775



B4AB64



1DB8DD



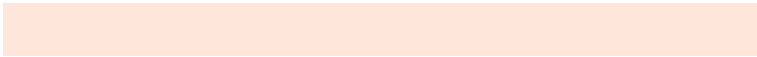
8AA8ED

Sweetspot

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



E29775



FFE6DB



E275C1



80716A



000000



808080

Same Dimension

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



E29775



FF996B



E2CC75



706865



B03700



300F00

Inverse Universe

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



75C0E2



6BD1FF



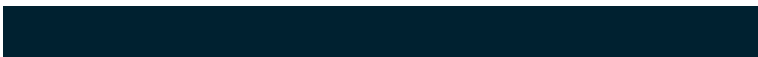
758BE2



656D70



0079B0



002130

Previews

White Background



This preview shows how the Hex color E29775 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

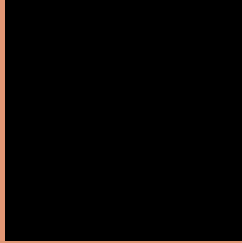
Any Text WCAG AA ✓ Pass

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 E29775 Background



This preview shows how black text looks on a background with the Hex color E29775.

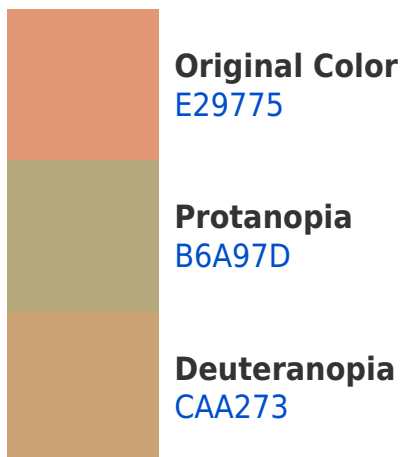



This preview shows how white text looks on a background with the Hex color E29775.

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](#).

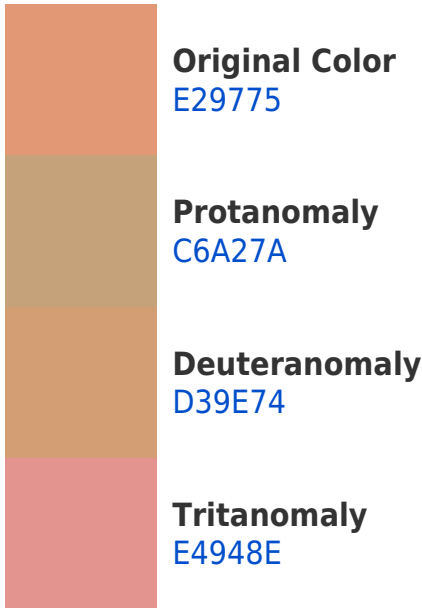
Dichromacy



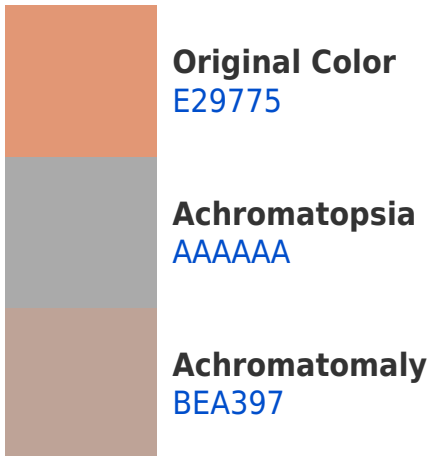


Tritanopia
E5929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E29775 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 #E29775 looks like.

```
.text, #text, p{  
    color:#E29775  
}
```

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 #E29775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E29775  
}
```

Border

The CSS property to change the border of an element to Hex E29775 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  
#E29775 }
```

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

```
.border{ border-color:#E29775 }
```

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

Here you see how a box with a 4 pixel #E29775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E29775; -webkit-box-shadow:4px 4px  
4px 4px #E29775; box-shadow:4px 4px 4px  
4px #E29775 }
```

Background

The CSS property to change the background color of an element to Hex E29775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E29775 }
```

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

```
.background{ background-color:#E29775 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor