

# Converting Colors

Hex(E0975A)

Have a look what the booklet for  
Hex(E0975A) contains.

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**Color**

**Hex(E0975A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0975A
RGB	224, 151, 90
RGB Percent	88%, 59%, 35%
CMY	0.1216, 0.4078, 0.6471
CMYK	0.00, 0.33, 0.60, 0.12
HSL	27°, 68%, 62%
HSV	27°, 60%, 88%
XYZ	43.6525, 38.7187, 14.8456
YIQ	165.8730, 63.0890, -3.4950

# Conversions

## Conversions Part 2

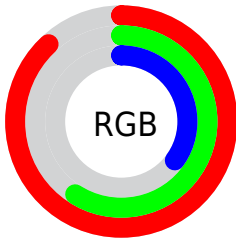
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 202, 90
Decimal	14718810
CIE Lab	68.55, 21.34, 42.83
CIE LCh	69, 47.855, 63.515
Yxy	38.7187, 0.4490, 0.3983
Android (android.graphics.Color)	4292908890 (0xFFE0975A)
YUV	165.8730, -37.4054, 50.9774
Hunter-Lab	62.2243, 16.3313, 29.4115

# Details

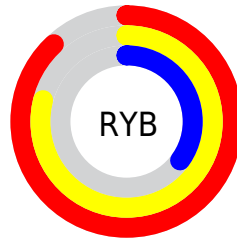
The Hex color **E0975A** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5AA3E0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCD8E**, and **A56429** is the 20% darker color. If you saturate the color by 10%, you get **E08B44**, and if you desaturate by 10%, it is **E0A370**.

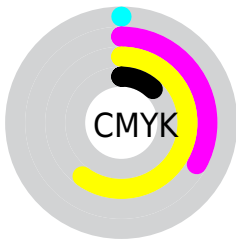
# Distribution



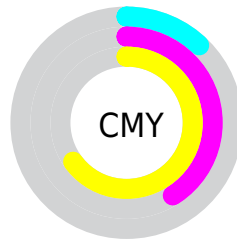
- Red (88%)
- Green (59%)
- Blue (35%)



- Red (88%)
- Yellow (79%)
- Blue (35%)



- Cyan (0%)
- Magenta (33%)
- Yellow (60%)
- Black (12%)



- Cyan (12%)
- Magenta (41%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0975A 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 E0975A by changing the saturation by 10% instead.



 E0975A

 E0975A

FFFFFF

 C27D41

 FFCD8E

 A56429

 FFEAA8

 884C10

 FFFFC4

 6C3400

 FFFFEO

 501E00

FFFFFFD

 350900

 1C0001

 000000

 E0975A

 E0975A

 E08B44

 E0A370

 E07F2D

 E0AF87

 E07217

 E0BC9D

 E06600

 E0C8B4

 E0D4CA

 E0E0E0

 E0ECF7

 E0F9FF

 E0FFFF

# Harmonies

## Analogous

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



F6897A



E0975A



BCA64E

# Triad

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



E0975A



00BDAB



B19AEF

# Complementary

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



E0975A



5AA3E0

# 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.



67AAFD



E0975A



00BCD6

# Square

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



E0975A



56BA7F



00B6F4



E18ACF

# Rectangle

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



E0975A



9FAF55



00B6F4



9CA0F7

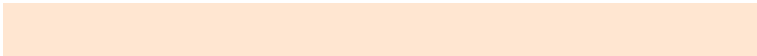


# Sweetspot

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



E0975A



FFE6D1



E05AA4



807063



000000



808080



# Same Dimension

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



E0975A



FF9B47



E0D95A



706A65



B05000



301600



# Inverse Universe

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



5AA3E0



47ABFF



5A61E0



656B70



0060B0

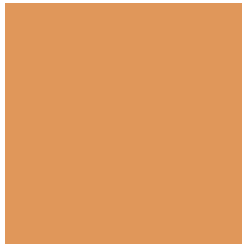


001A30



# Previews

## White Background



This preview shows how the Hex color E0975A 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

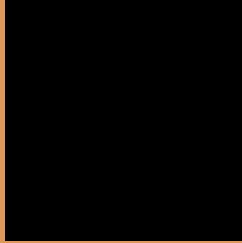
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E0975A Background



This preview shows how black text looks on a background with the Hex color E0975A.

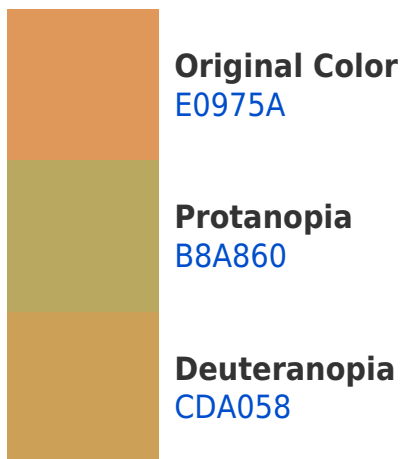


This preview shows how white text looks on a background with the Hex color E0975A.

# 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](#).

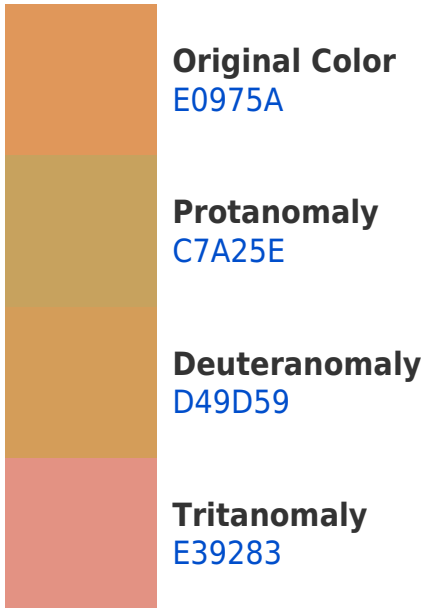
## Dichromacy



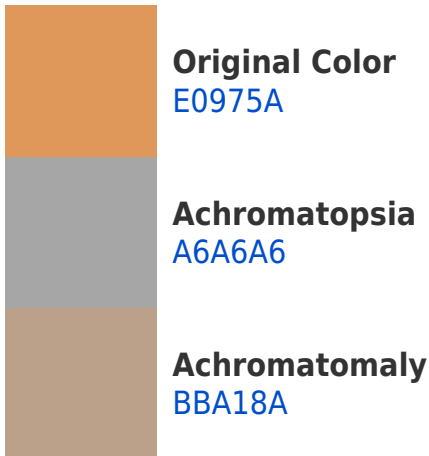


**Tritanopia**  
E58F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0975A 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 #E0975A looks like.

```
.text, #text, p{  
    color:#E0975A  
}
```

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 #E0975A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0975A
}
```

## Border

The CSS property to change the border of an element to Hex E0975A 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
#E0975A }
```

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

```
.border{ border-color:#E0975A }
```

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

Here you see how a box with a 4 pixel #E0975A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0975A; -webkit-box-shadow:4px 4px  
4px 4px #E0975A; box-shadow:4px 4px 4px  
4px #E0975A }
```

# Background

The CSS property to change the background color of an element to Hex E0975A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0975A }
```

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

```
.background{ background-color:#E0975A }
```

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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