

# Converting Colors

Hex(E6976A)

Have a look what the booklet for  
Hex(E6976A) contains.

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**Color**

**Hex(E6976A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6976A
RGB	230, 151, 106
RGB Percent	90%, 59%, 42%
CMY	0.0980, 0.4078, 0.5843
CMYK	0.00, 0.34, 0.54, 0.10
HSL	22°, 71%, 66%
HSV	22°, 54%, 90%
XYZ	46.3013, 39.9968, 18.9155
YIQ	169.4910, 61.5290, 2.7530

# Conversions

## Conversions Part 2

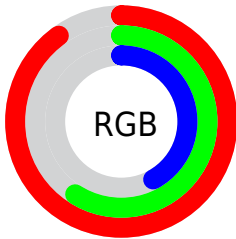
Format	Color
R <sub>Y</sub> B	230, 177, 106
Decimal	15112042
CIE Lab	69.47, 25.03, 35.76
CIE LCh	69, 43.648, 55.016
Yxy	39.9968, 0.4401, 0.3801
Android (android.graphics.Color)	4293302122 (0xFFE6976A)
YUV	169.4910, -31.3011, 53.0664
Hunter-Lab	63.2430, 20.0074, 26.5370

# Details

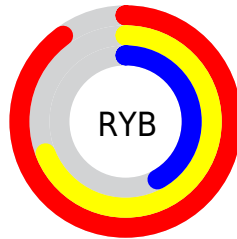
The Hex color **E6976A** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6AB9E6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFCE9E**, and **AB6439** is the 20% darker color. If you saturate the color by 10%, you get **E68853**, and if you desaturate by 10%, it is **E6A681**.

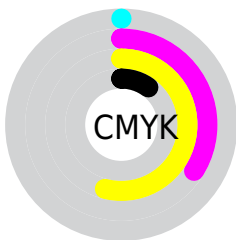
# Distribution



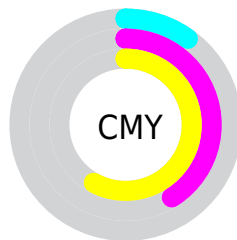
- Red (90%)
- Green (59%)
- Blue (42%)



- Red (90%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (54%)
- Black (10%)



- Cyan (10%)
- Magenta (41%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6976A 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 E6976A by changing the saturation by 10% instead.



 E6976A

 E6976A

FFFFFF

 C87D51

 FFCE9E

 AB6439

 FFEAB9

 8E4B22

 FFFFD5

 72340B

 FFFFF2

 571D00

 3B0600

 240001

 000000

 E6976A

 E6976A

 E68853

 E6A681

 E67A3C

 E6B498

 E66B25

 E6C3AF

 E65C0E

 E6D2C6

 E65300

 E6E0DD

 E6EFF4

 E6FEFF

 E6FFFF

# Harmonies

## Analogous

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



F58C8A



E6976A



C8A55A

# Triad

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



E6976A



30BEA1



A3A2F1

# Complementary

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



E6976A



6AB9E6

# 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.



5CB0F8



E6976A



00BECA

# Square

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



E6976A



72BA7B



00B9EA



D593D8

# Rectangle

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



E6976A



AFAE5B



00B9EA



8EA7F6

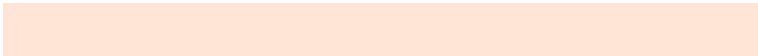


# Sweetspot

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



E6976A



FFE5D6



E66ABB



807067



000000



808080



# Same Dimension

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



E6976A



FF9559



E6D36A



736B67



B34100



331300



# Inverse Universe

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



6AB9E6



59C3FF



6A7DE6



676F73



0072B3

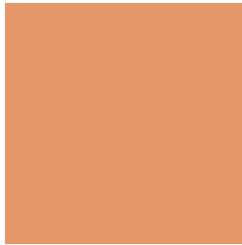


002033



# Previews

## White Background



This preview shows how the Hex color E6976A 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

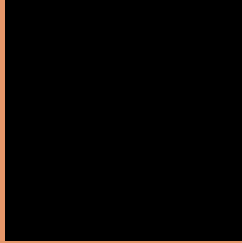
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6976A Background



This preview shows how black text looks on a background with the Hex color E6976A.

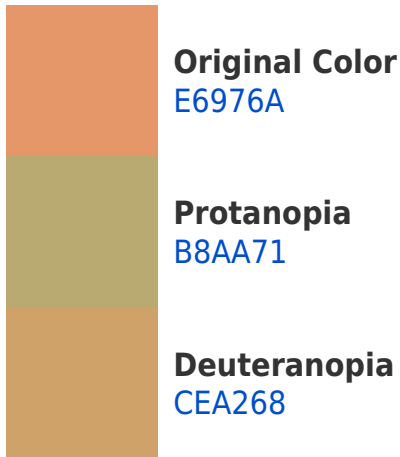


This preview shows how white text looks on a background with the Hex color E6976A.

# 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](#).

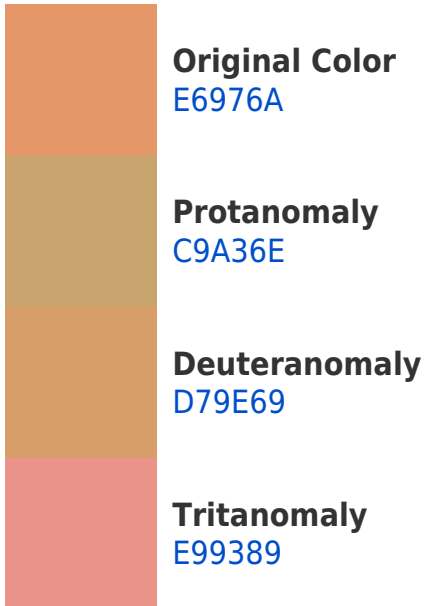
## Dichromacy



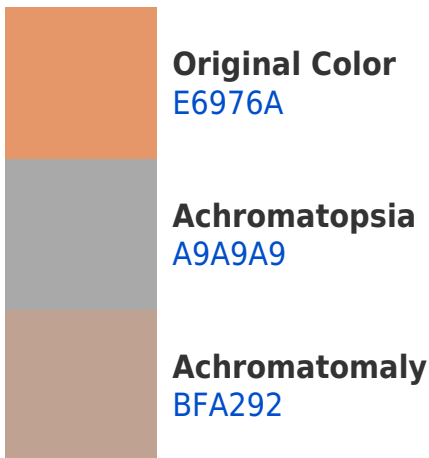


**Tritanopia**  
EA919B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6976A 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 #E6976A looks like.

```
.text, #text, p{  
    color:#E6976A  
}
```

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 #E6976A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6976A
}
```

## Border

The CSS property to change the border of an element to Hex E6976A 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
#E6976A }
```

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

```
.border{ border-color:#E6976A }
```

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

Here you see how a box with a 4 pixel #E6976A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6976A; -webkit-box-shadow:4px 4px  
4px 4px #E6976A; box-shadow:4px 4px 4px  
4px #E6976A }
```

# Background

The CSS property to change the background color of an element to Hex E6976A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6976A }
```

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

```
.background{ background-color:#E6976A }
```

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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