

# Converting Colors

Hex(E16870)

Have a look what the booklet for  
Hex(E16870) contains.

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# **Color**

**Hex(E16870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E16870
RGB	225, 104, 112
RGB Percent	88%, 41%, 44%
CMY	0.1176, 0.5922, 0.5608
CMYK	0.00, 0.54, 0.50, 0.12
HSL	356°, 67%, 65%
HSV	356°, 54%, 88%
XYZ	38.9263, 27.0780, 18.5042
YIQ	141.0910, 69.5480, 28.1400

# Conversions

## Conversions Part 2

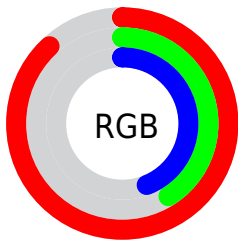
Format	Color
R <sub>Y</sub> B	225, 104, 112
Decimal	14772336
CIE Lab	59.05, 47.84, 18.61
CIE LCh	59, 51.327, 21.257
Yxy	27.0780, 0.4606, 0.3204
Android (android.graphics.Color)	4292962416 (0xFFE16870)
YUV	141.0910, -14.3419, 73.5882
Hunter-Lab	52.0366, 42.4641, 15.3421

# Details

The Hex color **E16870** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **68E1D9**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF9EA4**, and **A53240** is the 20% darker color. If you saturate the color by 10%, you get **E1525B**, and if you desaturate by 10%, it is **E17E85**.

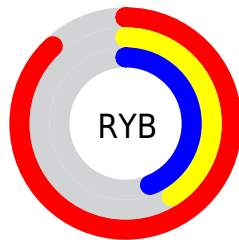
# Distribution



Red (88%)

Green (41%)

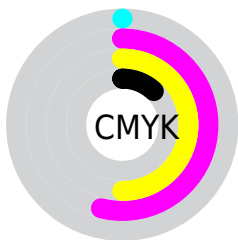
Blue (44%)



Red (88%)

Yellow (41%)

Blue (44%)

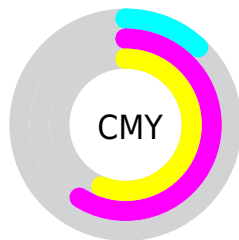


Cyan (0%)

Magenta (54%)

Yellow (50%)

Black (12%)



Cyan (12%)

Magenta (59%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E16870 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 E16870 by changing the saturation by 10% instead.



 E16870

 E16870

FFFFFF

 C34D58

 FF9EA4

 A53240

 FFBABF

 88132B

 FFD7DA

 6B0016

 FFF4F7

 4F0000

 350002

 020000

 000000

 E16870

 E16870

 E1525B

 E17E85

 E13B46

 E1959A

 E12531

 E1ACAF

 E10E1C

 E1C2C4

 E1000F

 E1D9D9

 E1EFEE

 E1FFFF

# Harmonies

## Analogous

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



DA679D



E16870



D27649

# Triad

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



E16870



519F53



0097E7

# Complementary

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



E16870



68E1D9

# 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.



00A0D3



E16870



00A37F

# Square

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



E16870



889534



00A4AD



7988E2

# Rectangle

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



E16870



BE8236



00A4AD



009BE3



# Sweetspot

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



E16870



FFD6D9



D968E1



806769



000000



808080



# Same Dimension

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



E16870



FF5964



E19C68



706566



B0000C



300003



# Inverse Universe

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



E16870



FF5964



68ADE1



706566



B0000C



300003



# Previews

## White Background



This preview shows how the Hex color E16870 looks on a white background.

## Color Contrast Check

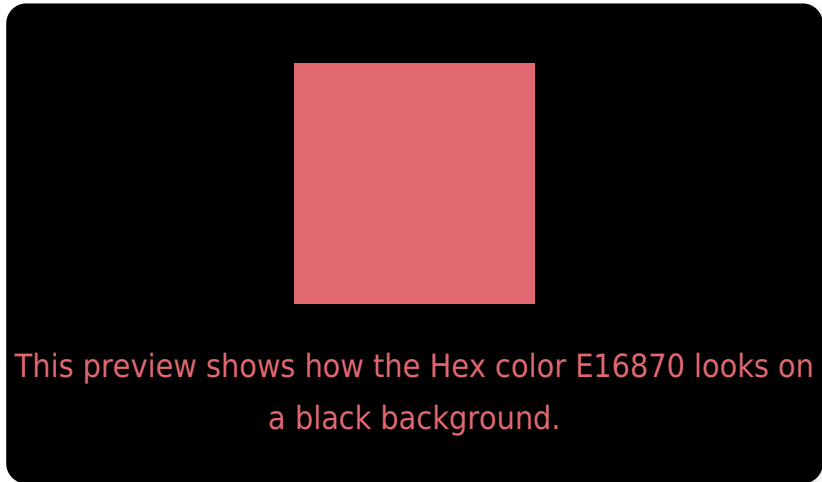
Large Text (above 18pt) WCAG AA ✓ Pass

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 E16870 Background



This preview shows how black text looks on a background with the Hex color E16870.

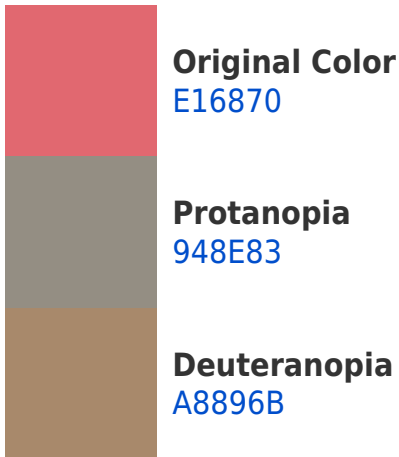



This preview shows how white text looks on a background with the Hex color E16870.

# 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](#).

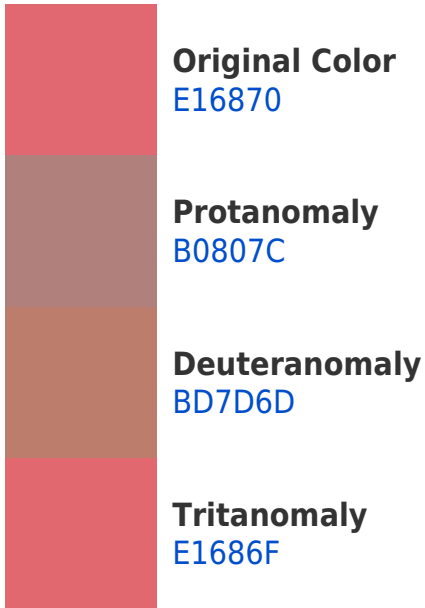
## Dichromacy



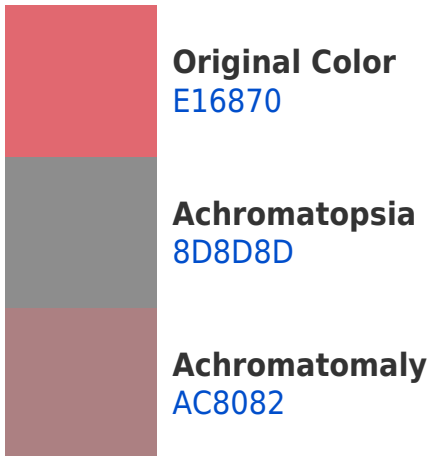


**Tritanopia**  
E1686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E16870 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 #E16870 looks like.

```
.text, #text, p{  
    color:#E16870  
}
```

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 #E16870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E16870
}
```

## Border

The CSS property to change the border of an element to Hex E16870 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
#E16870 }
```

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

```
.border{ border-color:#E16870 }
```

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

Here you see how a box with a 4 pixel #E16870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E16870; -webkit-box-shadow:4px 4px  
4px 4px #E16870; box-shadow:4px 4px 4px  
4px #E16870 }
```

# Background

The CSS property to change the background color of an element to Hex E16870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E16870 }
```

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

```
.background{ background-color:#E16870 }
```

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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