

# Converting Colors

Hex(E27476)

Have a look what the booklet for  
Hex(E27476) contains.

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# **Color**

**Hex(E27476)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E27476
RGB	226, 116, 118
RGB Percent	89%, 45%, 46%
CMY	0.1137, 0.5451, 0.5373
CMYK	0.00, 0.49, 0.48, 0.11
HSL	359°, 65%, 67%
HSV	359°, 49%, 89%
XYZ	40.8794, 29.9675, 20.7693
YIQ	149.1180, 64.9180, 23.9420

# Conversions

## Conversions Part 2

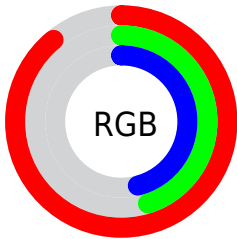
Format	Color
R <sub>Y</sub> B	226, 116, 118
Decimal	14840950
CIE Lab	61.63, 42.82, 18.71
CIE LCh	62, 46.733, 23.600
Yxy	29.9675, 0.4462, 0.3271
Android (android.graphics.Color)	4293031030 (0xFFE27476)
YUV	149.1180, -15.3412, 67.4255
Hunter-Lab	54.7426, 37.4966, 15.8253

# Details

The Hex color **E27476** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **74E2E0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAAAA**, and **A74046** is the 20% darker color. If you saturate the color by 10%, you get **E25D60**, and if you desaturate by 10%, it is **E28B8C**.

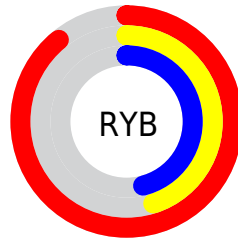
# Distribution



Red (89%)

Green (45%)

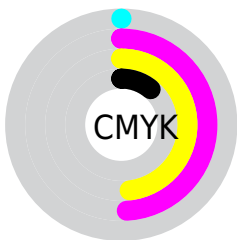
Blue (46%)



Red (89%)

Yellow (45%)

Blue (46%)

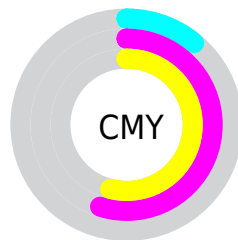


Cyan (0%)

Magenta (49%)

Yellow (48%)

Black (11%)



Cyan (11%)

Magenta (55%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E27476 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 E27476 by changing the saturation by 10% instead.



 E27476

 E27476

FFFFFF

 C45A5D

 FFAAAA

 A74046

 FFC6C5

 8A2530

 FFE3E1

 6D041B

FFFFFFE

 520000

 370001

 100000

 000000

 E27476

 E27476

 E25D60

 E28B8C

 E2474A

 E2A1A2

 E23033

 E2B8B9

 E21A1D

 E2CECF

 E20307

 E2E5E5

 E20004

 E2FCFB

 E2FFFF

# Harmonies

## Analogous

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



DD729F



E27476



D38053

# Triad

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



E27476



5BA562



299CE7

# Complementary

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



E27476



74E2E0

# 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.



00A5D7



E27476



00A98A

# Square

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



E27476



8D9C46



00A9B5



898DE1

# Rectangle

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



E27476



C08B44



00A9B5



00A0E4

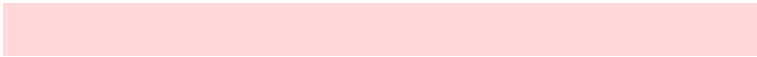


# Sweetspot

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



E27476



FFD9D9



DE74E2



806969



000000



808080



# Same Dimension

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



E27476



FF6B6E



E2A774



706565



B00003



300001



# Inverse Universe

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



E27476



FF6B6E



74AFE2



706565



B00003



300001



# Previews

## White Background



This preview shows how the Hex color E27476 looks on a white background.

## Color Contrast Check

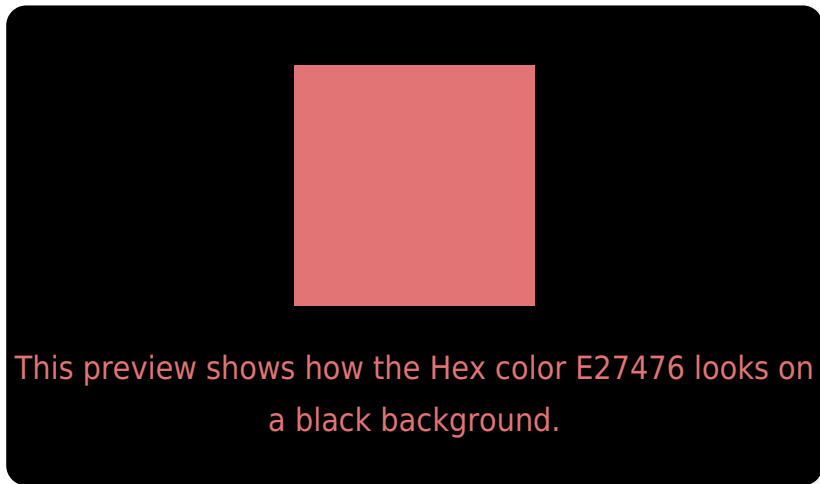
Large Text (above 18pt) WCAG AA ✓ Pass

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 E27476 Background



This preview shows how black text looks on a background with the Hex color E27476.



This preview shows how white text looks on a background with the Hex color E27476.

# 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**  
E2737B

# Trichromacy



**Original Color**  
E27476



**Protanomaly**  
B58980



**Deuteranomaly**  
C28573



**Tritanomaly**  
E27379

# Monochromacy



**Original Color**  
E27476



**Achromatopsia**  
959595



**Achromatomaly**  
B1898A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E27476 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 #E27476 looks like.

```
.text, #text, p{  
  color:#E27476  
}
```

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 #E27476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27476
}
```

## Border

The CSS property to change the border of an element to Hex E27476 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
#E27476 }
```

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

```
.border{ border-color:#E27476 }
```

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

Here you see how a box with a 4 pixel #E27476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27476; -webkit-box-shadow:4px 4px  
4px 4px #E27476; box-shadow:4px 4px 4px  
4px #E27476 }
```

# Background

The CSS property to change the background color of an element to Hex E27476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27476 }
```

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

```
.background{ background-color:#E27476 }
```

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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