

Converting Colors

Hex(E46775)

Have a look what the booklet for
Hex(E46775) contains.

Hex(E46775)	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(E46775)

Conversions

Conversions Part 1

Format	Color
Hex	E46775
RGB	228, 103, 117
RGB Percent	89%, 40%, 46%
CMY	0.1059, 0.5961, 0.5412
CMYK	0.00, 0.55, 0.49, 0.11
HSL	353°, 70%, 65%
HSV	353°, 55%, 89%
XYZ	40.0560, 27.4788, 20.0224
YIQ	141.9710, 70.0060, 30.8540

Conversions

Conversions Part 2

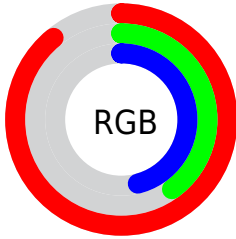
Format	Color
R _Y B	228, 103, 117
Decimal	14968693
CIE Lab	59.41, 49.80, 16.29
CIE LCh	59, 52.402, 18.116
Yxy	27.4788, 0.4575, 0.3138
Android (android.graphics.Color)	4293158773 (0xFFE46775)
YUV	141.9710, -12.3107, 75.4474
Hunter-Lab	52.4203, 44.6623, 14.0478

Details

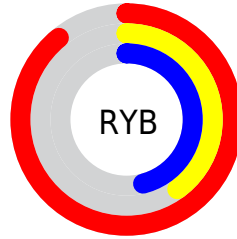
The Hex color **E46775** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **67E4D6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9EA9**, and **A83045** is the 20% darker color. If you saturate the color by 10%, you get **E45061**, and if you desaturate by 10%, it is **E47E89**.

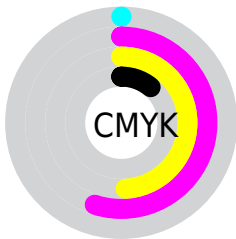
Distribution



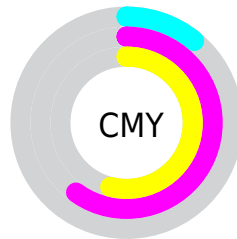
- Red (89%)
- Green (40%)
- Blue (46%)



- Red (89%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (55%)
- Yellow (49%)
- Black (11%)



- Cyan (11%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color E46775 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 E46775 by changing the saturation by 10% instead.

 E46775

 E46775


FFFFFF

 C64C5C

 FF9EA9

 A83045

 FFBAC4

 8B0F2F

 FFD6E0

 6E001A

 FFF3FD

 520000

 370002

 0B0000

 000000

 E46775

 E46775

 E45061

 E47E89

 E4394D

 E4959D

 E42338

 E4ABB2

 E40C24

 E4C2C6

 E4001A

 E4D9DA

 E4F0EE

 E4FFFF

Harmonies

Analogous

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



DA68A3



E46775



D7744C

Triad

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



E46775



579F4F



0099E9

Complementary

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



E46775



67E4D6

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.



00A2D3



E46775



00A57B

Square

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



E46775



8D9531



00A6AA



708AE7

Rectangle

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



E46775



C48037



00A6AA



009DE4

Sweetspot

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



E46775



FFD6DB



D567E4



80676A



000000



808080

Same Dimension

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



E46775



FF576A



E49767



736769



B30014



330006

Inverse Universe

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



E46775



FF576A



67B4E4



736769



B30014



330006

Previews

White Background



This preview shows how the Hex color E46775 looks on a white background.

Color Contrast Check

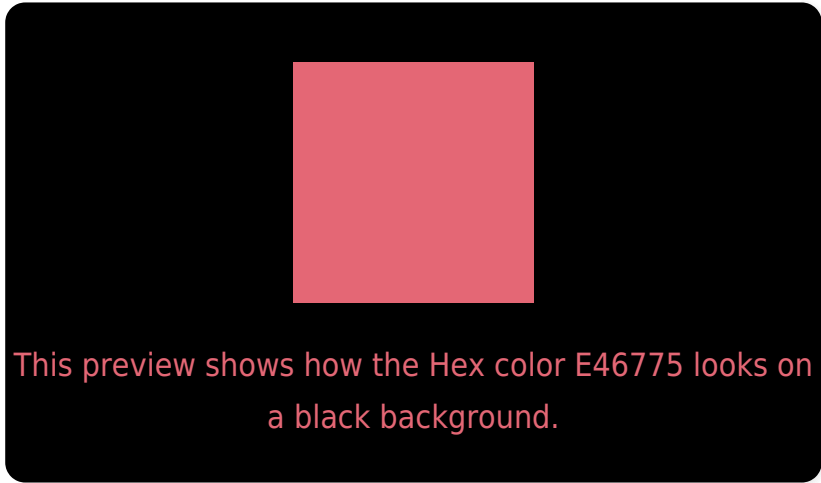
Large Text (above 18pt) WCAG AA ✓ Pass

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 E46775 Background



This preview shows how black text looks on a background with the Hex color E46775.



This preview shows how white text looks on a background with the Hex color E46775.

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



Original Color
E46775

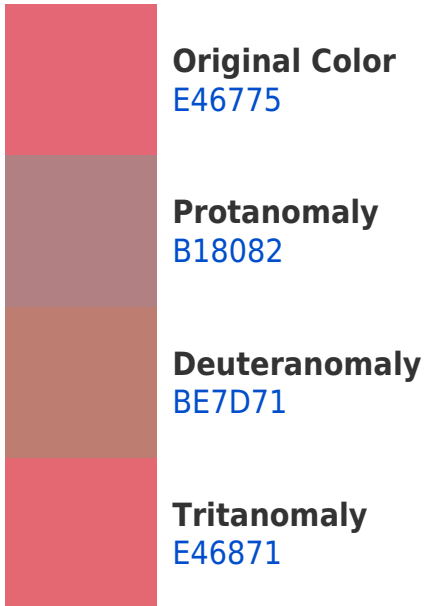
Protanopia
948F89

Deuteranopia
A88A6F

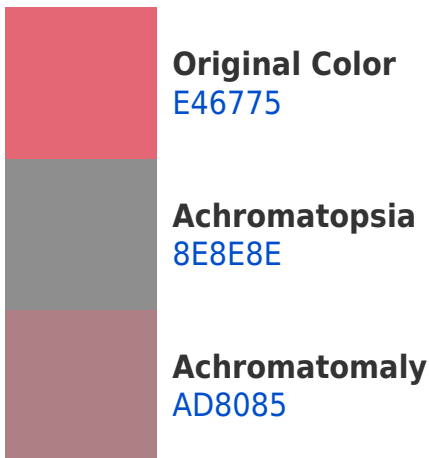


Tritanopia
E4686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E46775 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 #E46775 looks like.

```
.text, #text, p{  
    color:#E46775  
}
```

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 #E46775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E46775
}
```

Border

The CSS property to change the border of an element to Hex E46775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

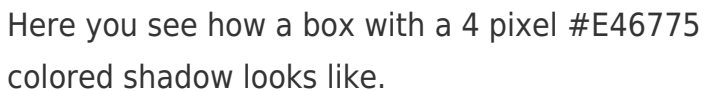
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E46775 }
```

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

```
.border{ border-color:#E46775 }
```

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



Here you see how a box with a 4 pixel #E46775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E46775; -webkit-box-shadow:4px 4px  
4px 4px #E46775; box-shadow:4px 4px 4px  
4px #E46775 }
```

Background

The CSS property to change the background color of an element to Hex E46775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E46775 }
```

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

```
.background{ background-color:#E46775 }
```

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