

Converting Colors

Hex(E6727A)

Have a look what the booklet for
Hex(E6727A) contains.

Hex(E6727A)	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(E6727A)

Conversions

Conversions Part 1

Format	Color
Hex	E6727A
RGB	230, 114, 122
RGB Percent	90%, 45%, 48%
CMY	0.0980, 0.5529, 0.5216
CMYK	0.00, 0.50, 0.47, 0.10
HSL	356°, 70%, 67%
HSV	356°, 50%, 90%
XYZ	42.1633, 30.2628, 22.0314
YIQ	149.5960, 66.5680, 27.0800

Conversions

Conversions Part 2

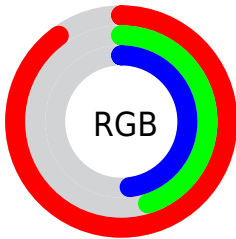
Format	Color
R _Y B	230, 114, 122
Decimal	15102586
CIE Lab	61.88, 45.64, 16.86
CIE LCh	62, 48.655, 20.276
Yxy	30.2628, 0.4464, 0.3204
Android (android.graphics.Color)	4293292666 (0xFFE6727A)
YUV	149.5960, -13.6048, 70.5143
Hunter-Lab	55.0116, 40.5399, 14.7633

Details

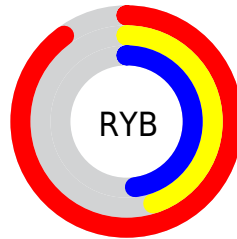
The Hex color **E6727A** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72E6DE**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA8AE**, and **AA3D4A** is the 20% darker color. If you saturate the color by 10%, you get **E65B65**, and if you desaturate by 10%, it is **E6898F**.

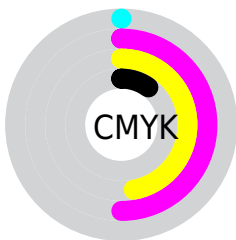
Distribution



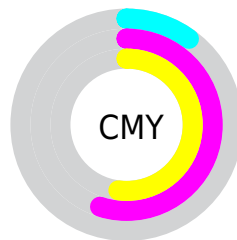
- Red (90%)
- Green (45%)
- Blue (48%)



- Red (90%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (50%)
- Yellow (47%)
- Black (10%)



- Cyan (10%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6727A 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 E6727A by changing the saturation by 10% instead.

 E6727A

 E6727A

FFFFFF

 C85861

 FFA8AE

 AA3D4A

 FFC5CA

 8D2133

 FFE1E6

 70001E

FFFEFF

 540006

 3A0001

 170000

 000000

 E6727A

 E6727A

 E65B65

 E6898F

 E6444F

 E6A0A5

 E62D3A

 E6B7BA

 E61624

 E6CED0

 E60010

 E6E5E5

 E6FCFA

 E6FFFF

Harmonies

Analogous

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



DE72A5



E6727A



D87E55

Triad

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



E6727A



5FA55C



009EEA

Complementary

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



E6727A



72E6DE

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.



00A7D7



E6727A



00AA86

Square

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



E6727A



929C41



00ABB2



8190E6

Rectangle

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



E6727A



C68943



00ABB2



00A2E6

Sweetspot

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



E6727A



FFD9DB



DC72E6



80696A



000000



808080

Same Dimension

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



E6727A



FF636E



E6A272



736768



B3000C



330004

Inverse Universe

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



E6727A



FF636E



72B6E6



736768



B3000C



330004

Previews

White Background



This preview shows how the Hex color E6727A 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 E6727A Background



This preview shows how black text looks on a background with the Hex color E6727A.

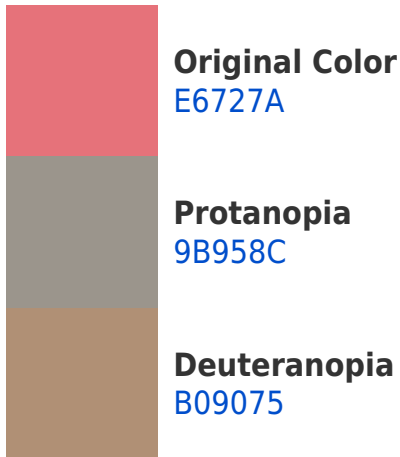


This preview shows how white text looks on a background with the Hex color E6727A.

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](#).

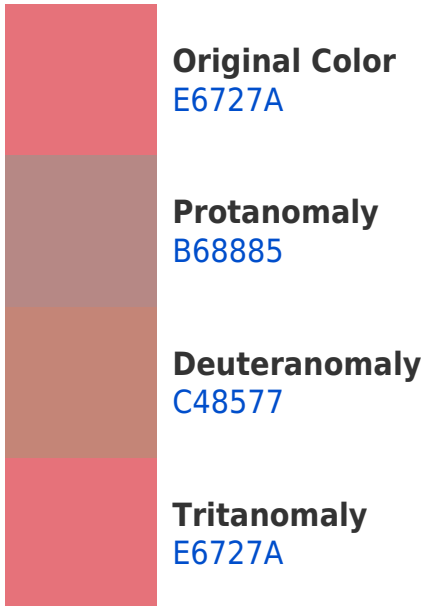
Dichromacy





Tritanopia
E6727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6727A 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 #E6727A looks like.

```
.text, #text, p{  
    color:#E6727A  
}
```

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 #E6727A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6727A
}
```

Border

The CSS property to change the border of an element to Hex E6727A 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
#E6727A }
```

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

```
.border{ border-color:#E6727A }
```

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

Here you see how a box with a 4 pixel #E6727A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6727A; -webkit-box-shadow:4px 4px  
4px 4px #E6727A; box-shadow:4px 4px 4px  
4px #E6727A }
```

Background

The CSS property to change the background color of an element to Hex E6727A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6727A }
```

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

```
.background{ background-color:#E6727A }
```

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