

Converting Colors

Hex(E66786)

Have a look what the booklet for
Hex(E66786) contains.

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Color

Hex(E66786)

Conversions

Conversions Part 1

Format	Color
Hex	E66786
RGB	230, 103, 134
RGB Percent	90%, 40%, 53%
CMY	0.0980, 0.5961, 0.4745
CMYK	0.00, 0.55, 0.42, 0.10
HSL	345°, 72%, 65%
HSV	345°, 55%, 90%
XYZ	41.7865, 28.2447, 25.8036
YIQ	144.5070, 65.7410, 36.5650

Conversions

Conversions Part 2

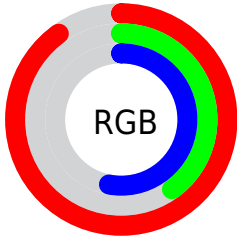
Format	Color
R_{YB}	230, 103, 134
Decimal	15099782
CIE _{Lab}	60.11, 52.13, 7.46
CIE _{LCh}	60, 52.665, 8.139
Y _{xy}	28.2447, 0.4360, 0.2947
Android (android.graphics.Color)	4293289862 (0xFFE66786)
Y _{UV}	144.5070, -5.1800, 74.9774
Hunter-Lab	53.1458, 47.3425, 8.4152

Details

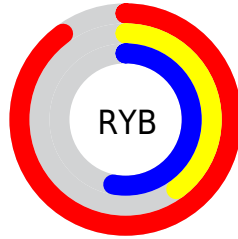
The Hex color **E66786** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **67E6C7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9EBB**, and **AA3055** is the 20% darker color. If you saturate the color by 10%, you get **E65075**, and if you desaturate by 10%, it is **E67E97**.

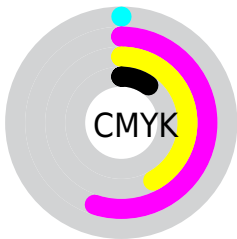
Distribution



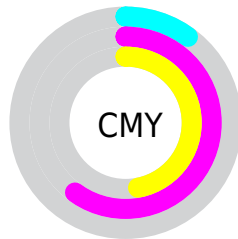
- Red (90%)
- Green (40%)
- Blue (53%)



- Red (90%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (55%)
- Yellow (42%)
- Black (10%)



- Cyan (10%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E66786 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 E66786 by changing the saturation by 10% instead.

 E66786

 E66786

FFFFFF

 C84C6D

 FF9EBB

 AA3055

 FFBAD7

 8D0C3E

 FFD7F3

 700028

 FFF4FF

 540014

 3B0002

 150000

 000000

 E66786

 E66786

 E65075

 E67E97

 E63963

 E695A9

 E62252

 E6ACBA

 E60B40

 E6C3CC

 E60038

 E6DADD

 E6F1EE

 E6FFFF

Harmonies

Analogous

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



D36EB4



E66786



E0715A

Triad

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



E66786



6D9E44



009FE7

Complementary

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



E66786



67E6C7

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.



00A6C9



E66786



15A56D

Square

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



E66786



9E932E



00A89D



4F92ED

Rectangle

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



E66786



D07C42



00A89D



00A2DF

Sweetspot

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



E66786



FFD4DE



C667E6



80666C



000000



808080

Same Dimension

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



E66786



FF5780



E68767



73676A



B3002C



33000C

Inverse Universe

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



E66786



FF5780



67C6E6



73676A



B3002C



33000C

Previews

White Background



This preview shows how the Hex color E66786 looks on a white background.

Color Contrast Check

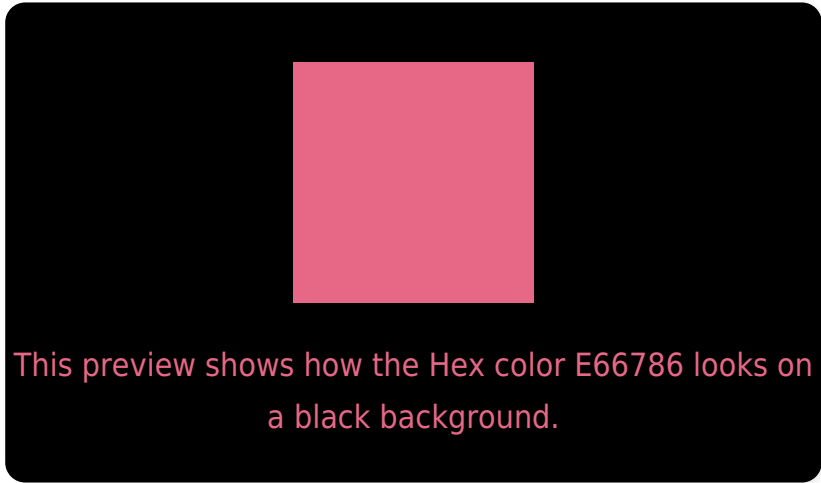
Large Text (above 18pt) WCAG AA ✓ Pass

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 E66786 Background



This preview shows how black text looks on a background with the Hex color E66786.

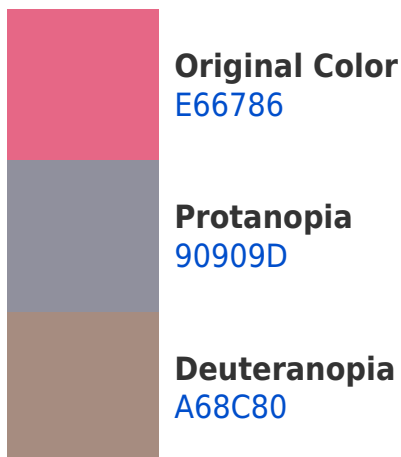


This preview shows how white text looks on a background with the Hex color E66786.

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
E56B72

Trichromacy



Original Color
E66786



Protanomaly
AF8195



Deuteranomaly
BD7F82

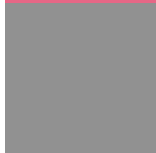


Tritanomaly
E56A79

Monochromacy



Original Color
E66786



Achromatopsia
919191



Achromatomaly
B0828D

CSS Examples

Text

The CSS property to change the color of the text to Hex E66786 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 #E66786 looks like.

```
.text, #text, p{  
    color:#E66786  
}
```

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 #E66786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E66786
}
```

Border

The CSS property to change the border of an element to Hex E66786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

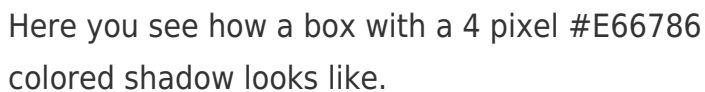
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E66786 }
```

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

```
.border{ border-color:#E66786 }
```

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



Here you see how a box with a 4 pixel #E66786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E66786; -webkit-box-shadow:4px 4px  
4px 4px #E66786; box-shadow:4px 4px 4px  
4px #E66786 }
```

Background

The CSS property to change the background color of an element to Hex E66786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E66786 }
```

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

```
.background{ background-color:#E66786 }
```

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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