

# Converting Colors

Hex(E167A3)

Have a look what the booklet for  
Hex(E167A3) contains.

<b>Hex(E167A3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E167A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E167A3
RGB	225, 103, 163
RGB Percent	88%, 40%, 64%
CMY	0.1176, 0.5961, 0.3608
CMYK	0.00, 0.54, 0.28, 0.12
HSL	330°, 67%, 64%
HSV	330°, 54%, 88%
XYZ	42.5124, 28.3524, 37.8822
YIQ	146.3180, 53.4520, 44.5240

# Conversions

## Conversions Part 2

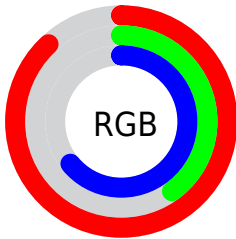
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 103, 163
Decimal	14772131
CIE <sub>Lab</sub>	60.21, 53.91, -9.28
CIE <sub>LCh</sub>	60, 54.700, 350.236
Yxy	28.3524, 0.3909, 0.2607
Android (android.graphics.Color)	4292962211 (0xFFE167A3)
YUV	146.3180, 8.2242, 69.0041
Hunter-Lab	53.2470, 49.3324, -4.9086

# Details

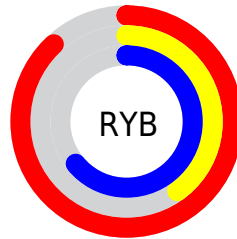
The Hex color **E167A3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **67E1A5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF9EDA**, and **A72F6F** is the 20% darker color. If you saturate the color by 10%, you get **E15198**, and if you desaturate by 10%, it is **E17EAE**.

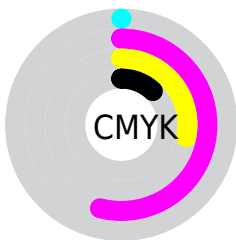
# Distribution



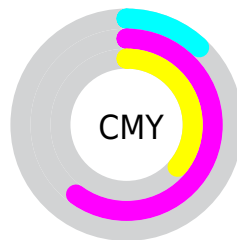
- Red (88%)
- Green (40%)
- Blue (64%)



- Red (88%)
- Yellow (40%)
- Blue (64%)



- Cyan (0%)
- Magenta (54%)
- Yellow (28%)
- Black (12%)



- Cyan (12%)
- Magenta (60%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E167A3 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 E167A3 by changing the saturation by 10% instead.



 E167A3

 E167A3

FFFFFF

 C44C89

 FF9EDA

 A72F6F

 FFBAF6

 8A0A57

 FFD7FF

 6E0040

 FFF4FF

 53002A

 3A0016

 180001

 000000

 E167A3

 E167A3

 E15198

 E17EAE

 E13A8C

 E194BA

 E12481

 E1ABC5

 E10D75

 E1C1D1

 E1006F

 E1D8DC

 E1EEE8

 E1FFF3

 E1FFFE

 E1FFFF

# Harmonies

## Analogous

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



BC77CF



E167A3



E96773

# Triad

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



E167A3



8C982F



00A5DA

# Complementary

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



E167A3



67E1A5

# 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.



00A9B1



E167A3



51A350

# Square

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



E167A3



B8892C



00A87F



009BF0

# Rectangle

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



E167A3



E17055



00A87F



00A7CE



# Sweetspot

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



E167A3



FFD6EA



A467E1



806773



000000



808080



# Same Dimension

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



E167A3



FF59AB



E16767



70656A



B00057



300018



# Inverse Universe

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



E167A3



FF59AB



67E1E1



70656A



B00057



300018



# Previews

## White Background



This preview shows how the Hex color E167A3 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 E167A3 Background



This preview shows how black text looks on a background with the Hex color E167A3.



This preview shows how white text looks on a background with the Hex color E167A3.

# 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





# Trichromacy



**Original Color**  
E167A3



**Protanomaly**  
A681B5



**Deuteranomaly**  
B47F9F

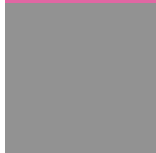


**Tritanomaly**  
DE6D88

# Monochromacy



**Original Color**  
E167A3



**Achromatopsia**  
929292



**Achromatomaly**  
AF8298

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E167A3 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 #E167A3 looks like.

```
.text, #text, p{  
    color:#E167A3  
}
```

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 #E167A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E167A3
}
```

## Border

The CSS property to change the border of an element to Hex E167A3 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
#E167A3 }
```

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

```
.border{ border-color:#E167A3 }
```

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

Here you see how a box with a 4 pixel #E167A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E167A3; -webkit-box-shadow:4px 4px  
4px 4px #E167A3; box-shadow:4px 4px 4px  
4px #E167A3 }
```

# Background

The CSS property to change the background color of an element to Hex E167A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E167A3 }
```

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

```
.background{ background-color:#E167A3 }
```

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