

# Converting Colors

Hex(E398D6)

Have a look what the booklet for  
Hex(E398D6) contains.

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# **Color**

**Hex(E398D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E398D6
RGB	227, 152, 214
RGB Percent	89%, 60%, 84%
CMY	0.1098, 0.4039, 0.1608
CMYK	0.00, 0.33, 0.06, 0.11
HSL	310°, 57%, 74%
HSV	310°, 33%, 89%
XYZ	55.0444, 43.6424, 69.1410
YIQ	181.4930, 24.7980, 35.1820

# Conversions

## Conversions Part 2

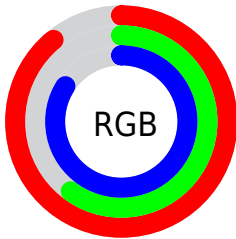
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 152, 214
Decimal	14915798
CIE Lab	71.99, 37.51, -20.20
CIE LCh	72, 42.600, 331.694
Yxy	43.6424, 0.3280, 0.2600
Android (android.graphics.Color)	4293105878 (0xFFE398D6)
YUV	181.4930, 16.0260, 39.9096
Hunter-Lab	66.0624, 33.1202, -15.8093

# Details

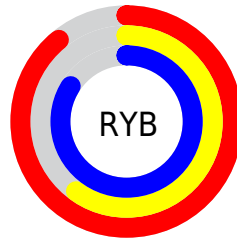
The Hex color **E398D6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **98E3A5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFCFFF**, and **AA649F** is the 20% darker color. If you saturate the color by 10%, you get **E381D2**, and if you desaturate by 10%, it is **E3AFDA**.

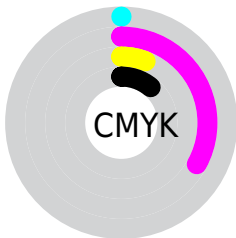
# Distribution



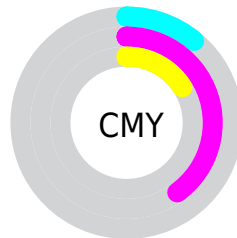
- Red (89%)
- Green (60%)
- Blue (84%)



- Red (89%)
- Yellow (60%)
- Blue (84%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E398D6 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 E398D6 by changing the saturation by 10% instead.



 E398D6

 E398D6

FFFFFF

 C67DBA

 FFCFFF

 AA649F

 FFECFF

 8F4A85

 75326C

 5B1853

 42003C

 2C0026

 00000F

 000000

 E398D6

 E398D6

 E381D2

 E3AFDA

 E36BCE

 E3C5DE

 E354CA

 E3DCE2

 E33DC6

 E3F3E6

 E327C2

 E3FFEA

 E310BE

 E3FFEE

 E300BC

 E3FFF2

 E3FFF5

 E3FFF9

# Harmonies

## Analogous

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



B7A6F3



E398D6



F991B0

# Triad

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



E398D6



C7AF61



00C4D8

# Complementary

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



E398D6



98E3A5

# 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.



2DC5B1



E398D6



9FBA6D

# Square

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



E398D6



E7A16D



6FC28A



1ABEF4

# Rectangle

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



E398D6



FC9396



6FC28A



00C5CC



# Sweetspot

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



E398D6



FFE6FB



A498E3



80707D



000000



808080



# Same Dimension

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



E398D6



FF99ED



E398B1



736771



B30094



33002A



# Inverse Universe

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



E398D6



FF99ED



98E3CA



736771



B30094

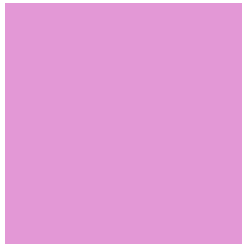


33002A



# Previews

## White Background



This preview shows how the Hex color E398D6 looks on a white background.

## Color Contrast Check

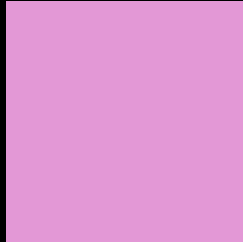
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E398D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

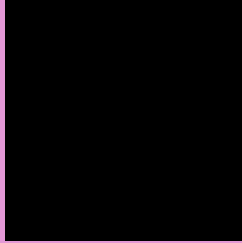
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E398D6 Background



This preview shows how black text looks on a background with the Hex color E398D6.

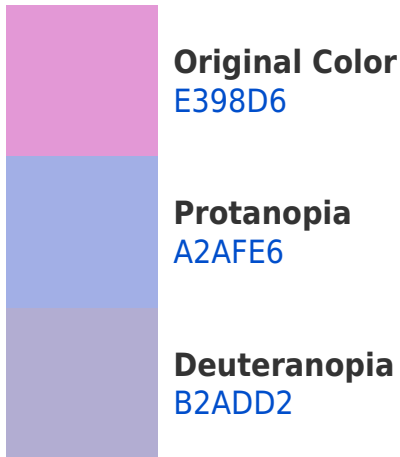


This preview shows how white text looks on a background with the Hex color E398D6.

# 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**  
E398D6



**Protanomaly**  
BAA7E0



**Deuteranomaly**  
C4A5D3

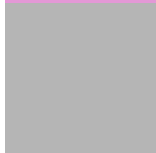


**Tritanomaly**  
E09DBB

# Monochromacy



**Original Color**  
E398D6



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
C6AAC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E398D6 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 #E398D6 looks like.

```
.text, #text, p{  
    color:#E398D6  
}
```

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 #E398D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E398D6
}
```

## Border

The CSS property to change the border of an element to Hex E398D6 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
#E398D6 }
```

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

```
.border{ border-color:#E398D6 }
```

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

Here you see how a box with a 4 pixel #E398D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E398D6; -webkit-box-shadow:4px 4px  
4px 4px #E398D6; box-shadow:4px 4px 4px  
4px #E398D6 }
```

# Background

The CSS property to change the background color of an element to Hex E398D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E398D6 }
```

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

```
.background{ background-color:#E398D6 }
```

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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