

# Converting Colors

Hex(E38BD3)

Have a look what the booklet for  
Hex(E38BD3) contains.

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# **Color**

**Hex(E38BD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E38BD3
RGB	227, 139, 211
RGB Percent	89%, 55%, 83%
CMY	0.1098, 0.4549, 0.1725
CMYK	0.00, 0.39, 0.07, 0.11
HSL	311°, 61%, 72%
HSV	311°, 39%, 89%
XYZ	52.6690, 39.4993, 66.4762
YIQ	173.5200, 29.3360, 41.0480

# Conversions

## Conversions Part 2

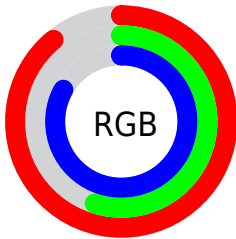
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 139, 211
Decimal	14912467
CIE <sub>Lab</sub>	69.11, 43.83, -22.92
CIE <sub>LCh</sub>	69, 49.459, 332.387
Yxy	39.4993, 0.3320, 0.2490
Android (android.graphics.Color)	4293102547 (0xFFE38BD3)
YUV	173.5200, 18.4776, 46.9020
Hunter-Lab	62.8485, 39.6040, -18.7184

# Details

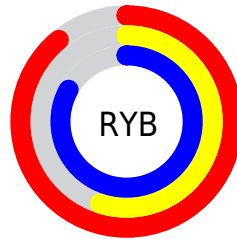
The Hex color **E38BD3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8BE39B**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC2FF**, and **AA569C** is the 20% darker color. If you saturate the color by 10%, you get **E374CF**, and if you desaturate by 10%, it is **E3A2D7**.

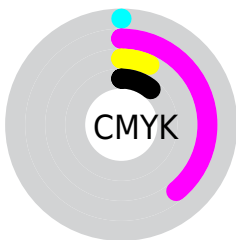
# Distribution



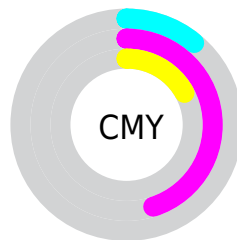
- Red (89%)
- Green (55%)
- Blue (83%)



- Red (89%)
- Yellow (55%)
- Blue (83%)



- Cyan (0%)
- Magenta (39%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (45%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E38BD3 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 E38BD3 by changing the saturation by 10% instead.



 E38BD3

 E38BD3

FFFFFF

 C670B7

 FFC2FF

 AA569C

 FFDFFF

 8F3D82

 FFFCFF

 742369

 5A0250

 400039

 2B0024

 00000A

 000000

 E38BD3

 E38BD3

 E374CF

 E3A2D7

 E35ECB

 E3B8DB

 E347C7

 E3CFDF

 E330C2

 E3E6E4

 E31ABE

 E3FCE8

 E303BA

 E3FFEC

 E300BA

 E3FFF0

 E3FFF4

 E3FFF8

# Harmonies

## Analogous

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



B19CF5



E38BD3



FB83A7

# Triad

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



E38BD3



C0A74C



00BED7

# Complementary

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



E38BD3



8BE39B

# 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.



00BFAB



E38BD3



92B45A

# Square

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



E38BD3



E4975A



57BC7D



00B8F7

# Rectangle

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



E38BD3



FD8589



57BC7D



00BFC9



# Sweetspot

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



E38BD3



FFE0F9



9A8BE3



806E7C



000000



808080



# Same Dimension

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



E38BD3



FF87E9



E38BA8



736771



B30092



33002A



# Inverse Universe

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



E38BD3



FF87E9



8BE3C6



736771



B30092



33002A



# Previews

## White Background



This preview shows how the Hex color E38BD3 looks on a white background.

## Color Contrast Check

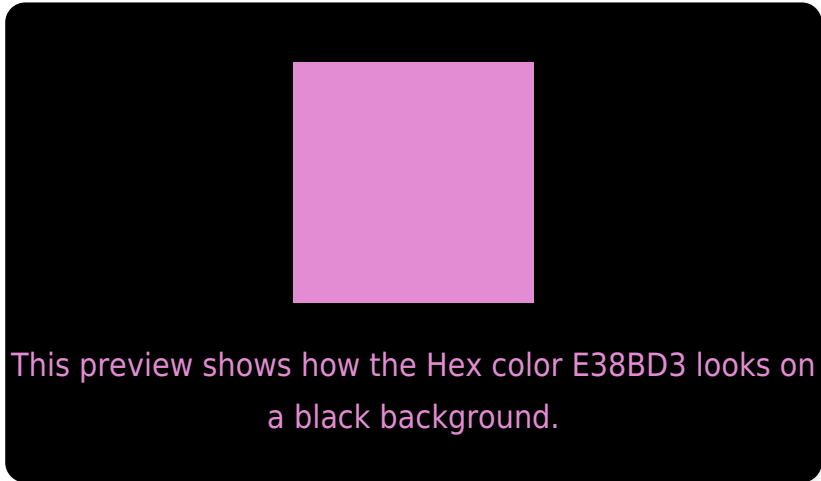
Large Text (above 18pt) WCAG AA × Fail

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 E38BD3 Background



This preview shows how black text looks on a background with the Hex color E38BD3.

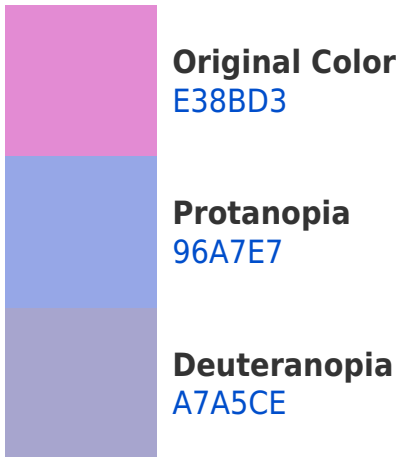



This preview shows how white text looks on a background with the Hex color E38BD3.

# 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



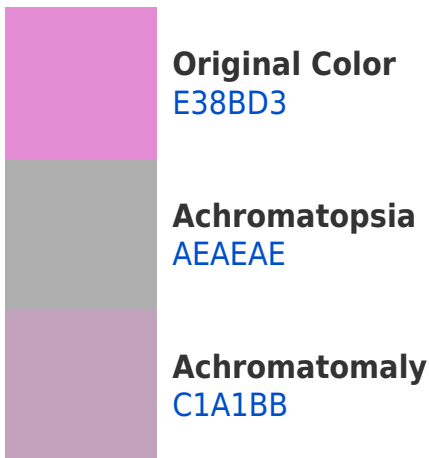


**Tritanopia**  
DD95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E38BD3 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 #E38BD3 looks like.

```
.text, #text, p{  
  color:#E38BD3  
}
```

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 #E38BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38BD3
}
```

## Border

The CSS property to change the border of an element to Hex E38BD3 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
#E38BD3 }
```

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

```
.border{ border-color:#E38BD3 }
```

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

Here you see how a box with a 4 pixel #E38BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38BD3; -webkit-box-shadow:4px 4px  
4px 4px #E38BD3; box-shadow:4px 4px 4px  
4px #E38BD3 }
```

# Background

The CSS property to change the background color of an element to Hex E38BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38BD3 }
```

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

```
.background{ background-color:#E38BD3 }
```

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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