

Converting Colors

Hex(E37DBF)

Have a look what the booklet for
Hex(E37DBF) contains.

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Color

Hex(E37DBF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E37DBF |
| RGB | 227, 125, 191 |
| RGB Percent | 89%, 49%, 75% |
| CMY | 0.1098, 0.5098, 0.2510 |
| CMYK | 0.00, 0.45, 0.16, 0.11 |
| HSL | 321°, 65%, 69% |
| HSV | 321°, 45%, 89% |
| XYZ | 48.4161, 34.7597, 53.4477 |
| YIQ | 163.0220, 39.6060, 42.1500 |

Conversions

Conversions Part 2

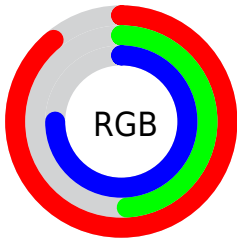
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 125, 191 |
| Decimal | 14908863 |
| CIE Lab | 65.56, 47.76, -17.15 |
| CIE LCh | 66, 50.747, 340.253 |
| Yxy | 34.7597, 0.3544, 0.2544 |
| Android (android.graphics.Color) | 4293098943 (0xFFE37DBF) |
| YUV | 163.0220, 13.7932, 56.1087 |
| Hunter-Lab | 58.9574, 43.4099, -12.4791 |

Details

The Hex color **E37DBF** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DE3A1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFB4F7**, and **AA4889** is the 20% darker color. If you saturate the color by 10%, you get **E366B7**, and if you desaturate by 10%, it is **E394C7**.

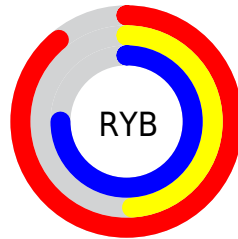
Distribution



Red (89%)

Green (49%)

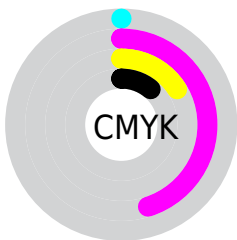
Blue (75%)



Red (89%)

Yellow (49%)

Blue (75%)

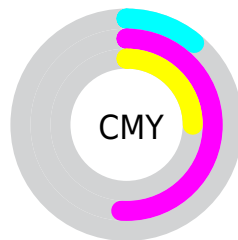


Cyan (0%)

Magenta (45%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color E37DBF 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 E37DBF by changing the saturation by 10% instead.

 E37DBF

 E37DBF

FFFFFF

 C662A4

 FFB4F7

 AA4889

 FFD0FF

 8E2D70

 FFEDFF

 720D57

 580040

 3E002A

 260015

 000000

 E37DBF

 E37DBF

 E366B7

 E394C7

 E350AF

 E3AACF

 E339A7

 E3C1D7

 E3229F

 E3D8DF

 E30B97

 E3EFE7

 E30093

 E3FFEF

 E3FFF7

 E3FFFF

Harmonies

Analogous

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



B78DE5



E37DBF



F47891

Triad

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



E37DBF



ABA241



00B4D9

Complementary

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



E37DBF



7DE3A1

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.



00B6AE



E37DBF



79AD57

Square

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



E37DBF



D29248



2FB47F



00ACF4

Rectangle

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



E37DBF



F27D74



2FB47F



00B5CC

Sweetspot

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



E37DBF



FFDEF3



A17DE3



806B78



000000



808080

Same Dimension

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



E37DBF



FF75CE



E37D8C



73676F



B30073



330021

Inverse Universe

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



E37DBF



FF75CE



7DE3D4



73676F



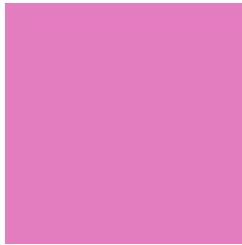
B30074



330021

Previews

White Background



This preview shows how the Hex color E37DBF looks on a white background.

Color Contrast Check

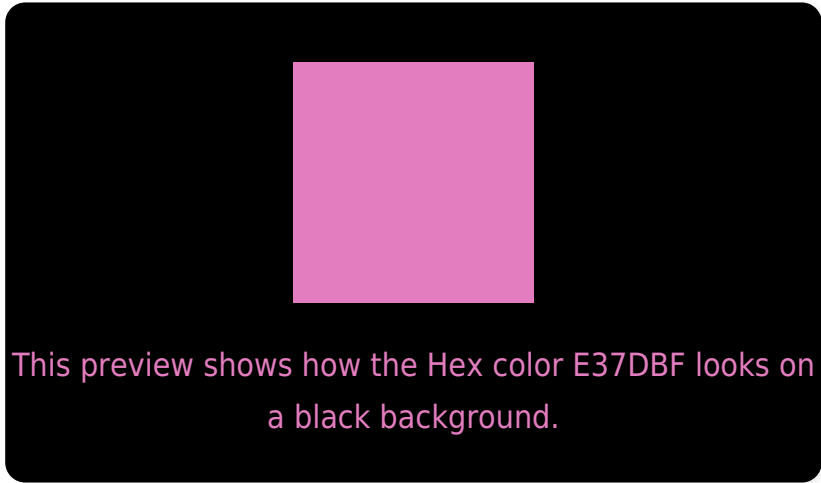
Large Text (above 18pt) WCAG AA × Fail

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 E37DBF Background



This preview shows how black text looks on a background with the Hex color E37DBF.

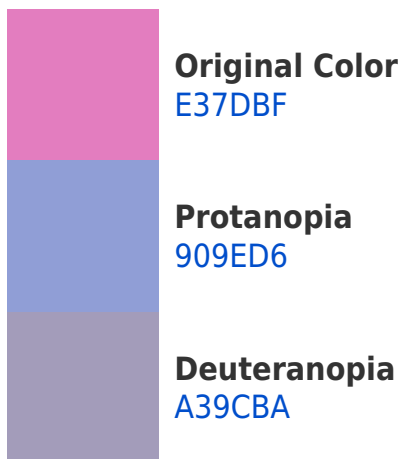



This preview shows how white text looks on a background with the Hex color E37DBF.

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
DE8690

Trichromacy



Original Color
E37DBF



Protanomaly
AE92CE



Deuteranomaly
BA91BC

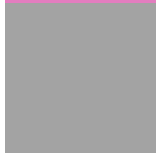


Tritanomaly
E083A1

Monochromacy



Original Color
E37DBF



Achromatopsia
A3A3A3



Achromatomaly
BA95AD

CSS Examples

Text

The CSS property to change the color of the text to Hex E37DBF 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 #E37DBF looks like.

```
.text, #text, p{  
    color:#E37DBF  
}
```

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 #E37DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37DBF
}
```

Border

The CSS property to change the border of an element to Hex E37DBF 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
#E37DBF }
```

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

```
.border{ border-color:#E37DBF }
```

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

Here you see how a box with a 4 pixel #E37DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37DBF; -webkit-box-shadow:4px 4px  
4px 4px #E37DBF; box-shadow:4px 4px 4px  
4px #E37DBF }
```

Background

The CSS property to change the background color of an element to Hex E37DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37DBF }
```

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

```
.background{ background-color:#E37DBF }
```

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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