

Converting Colors

Hex(E37DB0)

Have a look what the booklet for
Hex(E37DB0) contains.

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Color

Hex(E37DB0)

Conversions

Conversions Part 1

Format	Color
Hex	E37DB0
RGB	227, 125, 176
RGB Percent	89%, 49%, 69%
CMY	0.1098, 0.5098, 0.3098
CMYK	0.00, 0.45, 0.22, 0.11
HSL	330°, 65%, 69%
HSV	330°, 45%, 89%
XYZ	46.8486, 34.1327, 45.1934
YIQ	161.3120, 44.4210, 37.4850

Conversions

Conversions Part 2

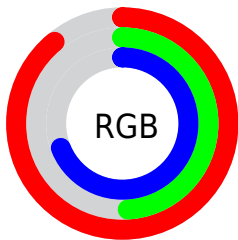
Format	Color
R_{YB}	227, 125, 176
Decimal	14908848
CIE _{Lab}	65.07, 45.53, -9.42
CIE _{LCh}	65, 46.496, 348.316
Yxy	34.1327, 0.3713, 0.2705
Android (android.graphics.Color)	4293098928 (0xFFE37DB0)
YUV	161.3120, 7.2412, 57.6084
Hunter-Lab	58.4232, 40.8957, -4.9676

Details

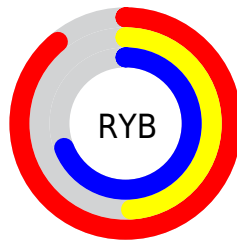
The Hex color **E37DB0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DE3B0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB4E8**, and **A9487C** is the 20% darker color. If you saturate the color by 10%, you get **E366A5**, and if you desaturate by 10%, it is **E394BB**.

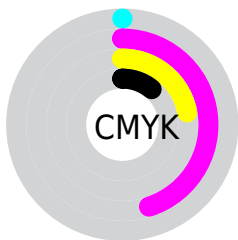
Distribution



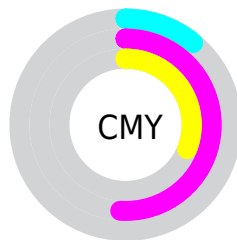
- Red (89%)
- Green (49%)
- Blue (69%)



- Red (89%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (45%)
- Yellow (22%)
- Black (11%)



- Cyan (11%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E37DB0 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 E37DB0 by changing the saturation by 10% instead.

 E37DB0

 E37DB0

FFFFFF

 C66295

 FFB4E8

 A9487C

 FFD0FF

 8D2E63

 FFEDFF

 720F4B

 570034

 3D001F

 250003

 000000

 E37DB0

 E37DB0

 E366A5

 E394BB

 E35099

 E3AAC7

 E3398E

 E3C1D2

 E32283

 E3D8DD

 E30B77

 E3EFE9

 E30072

 E3FFF4

 E3FFFF

Harmonies

Analogous

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



C189D6



E37DB0



ED7C86

Triad

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



E37DB0



9EA34C



00B0DB

Complementary

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



E37DB0



7DE3B0

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.



00B3B7



E37DB0



6EAD65

Square

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



E37DB0



C5964B



23B28C



1DA7EF

Rectangle

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



E37DB0



E7826C



23B28C



00B1D0

Sweetspot

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



E37DB0



FFDEEE



B07DE3



806B75



000000



808080

Same Dimension

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



E37DB0



FF75BA



E37D7D



73676D



B30059



33001A

Inverse Universe

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



E37DB0



FF75BA



7DE3E3



73676D



B30059



33001A

Previews

White Background



This preview shows how the Hex color E37DB0 looks on a white background.

Color Contrast Check

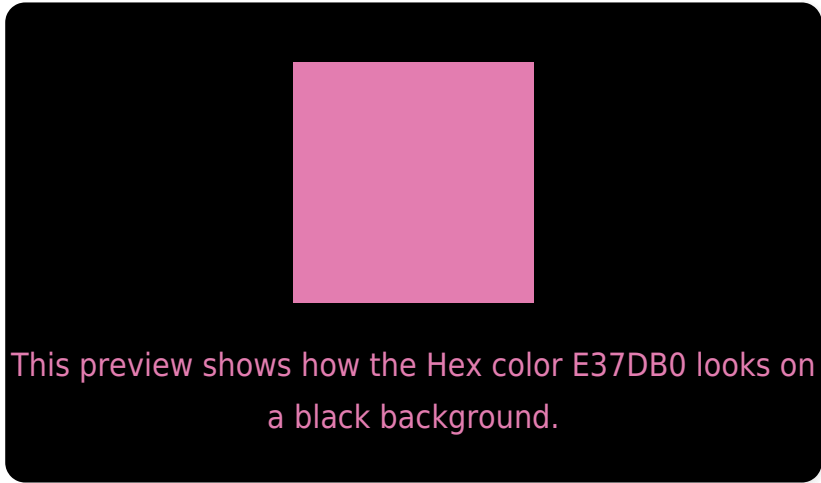
Large Text (above 18pt) WCAG AA × Fail

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 E37DB0 Background



This preview shows how black text looks on a background with the Hex color E37DB0.

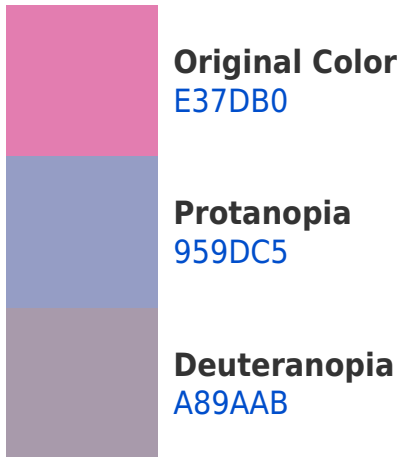



This preview shows how white text looks on a background with the Hex color E37DB0.

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](#).

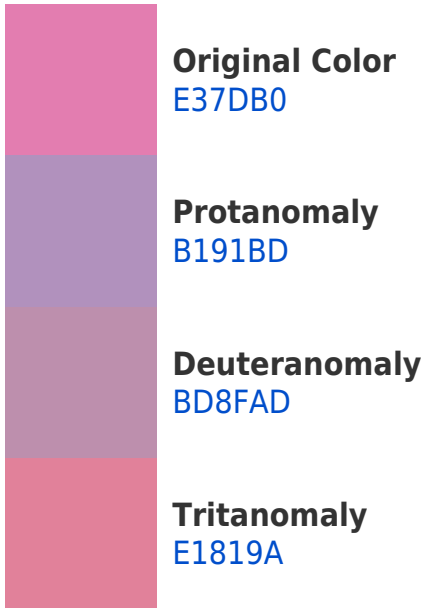
Dichromacy



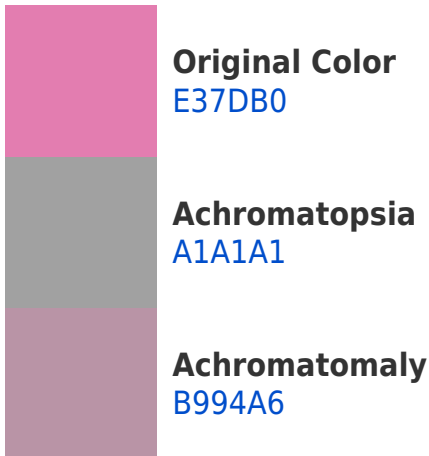


Tritanopia
E0848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E37DB0 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 #E37DB0 looks like.

```
.text, #text, p{  
    color:#E37DB0  
}
```

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 #E37DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37DB0
}
```

Border

The CSS property to change the border of an element to Hex E37DB0 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
#E37DB0 }
```

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

```
.border{ border-color:#E37DB0 }
```

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

Here you see how a box with a 4 pixel #E37DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37DB0; -webkit-box-shadow:4px 4px  
4px 4px #E37DB0; box-shadow:4px 4px 4px  
4px #E37DB0 }
```

Background

The CSS property to change the background color of an element to Hex E37DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37DB0 }
```

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

```
.background{ background-color:#E37DB0 }
```

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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