

Converting Colors

Hex(E4BDF6)

Have a look what the booklet for
Hex(E4BDF6) contains.

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Color

Hex(E4BDF6)

Conversions

Conversions Part 1

Format	Color
Hex	E4BDF6
RGB	228, 189, 246
RGB Percent	89%, 74%, 96%
CMY	0.1059, 0.2588, 0.0353
CMYK	0.07, 0.23, 0.00, 0.04
HSL	281°, 76%, 85%
HSV	281°, 23%, 96%
XYZ	66.8271, 59.5430, 95.1596
YIQ	207.1590, 4.9470, 25.9950

Conversions

Conversions Part 2

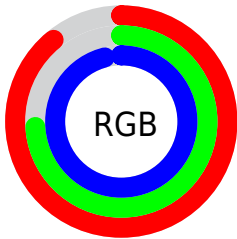
Format	Color
R _Y B	228, 189, 246
Decimal	14990838
CIE Lab	81.59, 23.96, -22.96
CIE LCh	82, 33.187, 316.224
Yxy	59.5430, 0.3017, 0.2688
Android (android.graphics.Color)	4293180918 (0xFFE4BDF6)
YUV	207.1590, 19.1486, 18.2776
Hunter-Lab	77.1641, 19.5506, -19.1022

Details

The Hex color **E4BDF6** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CFF6BD**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFF5FF**, and **AC87BE** is the 20% darker color. If you saturate the color by 10%, you get **DCA4F6**, and if you desaturate by 10%, it is **ECD6F6**.

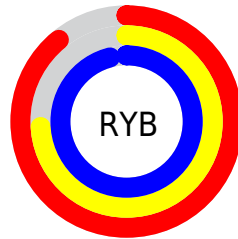
Distribution



Red (89%)

Green (74%)

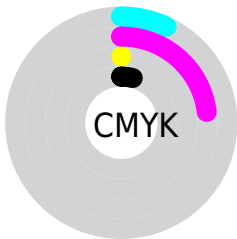
Blue (96%)



Red (89%)

Yellow (74%)

Blue (96%)

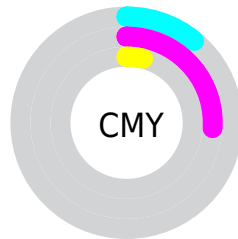


Cyan (7%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4BDF6 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 E4BDF6 by changing the saturation by 10% instead.

 E4BDF6


FFFFFF

 FFF5FF

 E4BDF6

 C8A2D9

 AC87BE

 916EA2

 775588

 5E3E6F

 452756

 2E113F

 1C0029

 000112

 E4BDF6

 E4BDF6

 DCA4F6

 ECD6F6

 D48CF6

 F4EEF6

 CD73F6

 FBFFF6

 C55BF6

 FFFFF6

 BD42F6

 B529F6

 AE11F6

 A800F6

Harmonies

Analogous

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



BBC8FF



E4BDF6



FFB5DA

Triad

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



E4BDF6



EEC48F



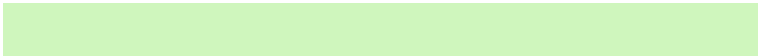
6DDCDB

Complementary

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



E4BDF6



CFF6BD

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.



89DBBB



E4BDF6



DOCE8F

Square

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



E4BDF6



FFBA9F



ACD69F



6DD9F7

Rectangle

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



E4BDF6



FFB4C5



ACD69F



74DCD0

Sweetspot

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



E4BDF6



F9EDFF



BDCFF6



7C7580



000000



808080

Same Dimension

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



E4BDF6



E8B8FF



F6BDEC



776E7A



7F00BA



28003B

Inverse Universe

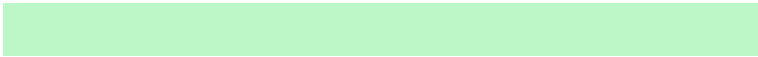
The Inverse Universe completely reimagines the original color for something new.



F6BDCF



FFB8CE



BDF6C7



7A6E72



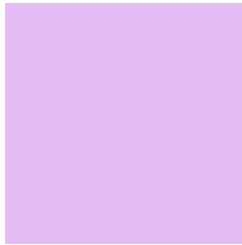
BA003B



3B0013

Previews

White Background



This preview shows how the Hex color E4BDF6 looks on a white background.

Color Contrast Check

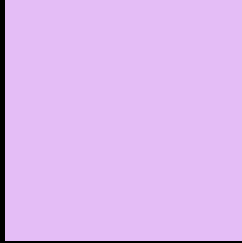
Large Text (above 18pt) WCAG AA × Fail

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 E4BDF6 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 E4BDF6 Background



This preview shows how black text looks on a background with the Hex color E4BDF6.

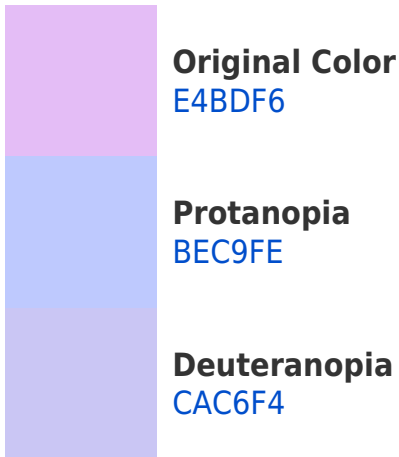


This preview shows how white text looks on a background with the Hex color E4BDF6.

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
DFC3D3

Trichromacy



Original Color
E4BDF6



Protanomaly
CCC5FB



Deuteranomaly
D3C3F5

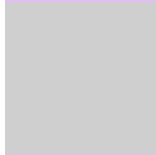


Tritanomaly
E1C1E0

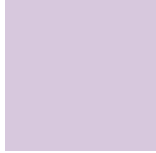
Monochromacy



Original Color
E4BDF6



Achromatopsia
CFCFCF



Achromatomaly
D7C8DD

CSS Examples

Text

The CSS property to change the color of the text to Hex E4BDF6 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 #E4BDF6 looks like.

```
.text, #text, p{  
    color:#E4BDF6  
}
```

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 #E4BDF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4BDF6  
}
```

Border

The CSS property to change the border of an element to Hex E4BDF6 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  
#E4BDF6 }
```

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

```
.border{ border-color:#E4BDF6 }
```

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

Here you see how a box with a 4 pixel #E4BDF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4BDF6; -webkit-box-shadow:4px 4px  
4px 4px #E4BDF6; box-shadow:4px 4px 4px  
4px #E4BDF6 }
```

Background

The CSS property to change the background color of an element to Hex E4BDF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4BDF6 }
```

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

```
.background{ background-color:#E4BDF6 }
```

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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