

# Converting Colors

Hex(E6ACC1)

Have a look what the booklet for  
Hex(E6ACC1) contains.

|  |    |
|--|----|
| <b>Hex(E6ACC1)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(E6ACC1)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E6ACC1                     |
| RGB         | 230, 172, 193              |
| RGB Percent | 90%, 67%, 76%              |
| CMY         | 0.0980, 0.3255, 0.2431     |
| CMYK        | 0.00, 0.25, 0.16, 0.10     |
| HSL         | 338°, 54%, 79%             |
| HSV         | 338°, 25%, 90%             |
| XYZ         | 57.0113, 50.1783, 57.1326  |
| YIQ         | 191.7360, 27.8270, 18.8270 |

# Conversions

## Conversions Part 2

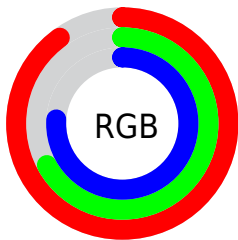
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 230, 172, 193                |
| Decimal                             | 15117505                     |
| CIE Lab                             | 76.18, 24.35, -2.39          |
| CIE LCh                             | 76, 24.470, 354.406          |
| Yxy                                 | 50.1783, 0.3469,<br>0.3054   |
| Android<br>(android.graphics.Color) | 4293307585<br>(0xFFE6ACC1)   |
| YUV                                 | 191.7360, 0.6232,<br>33.5575 |
| Hunter-Lab                          | 70.8366, 19.6976,<br>1.7659  |

# Details

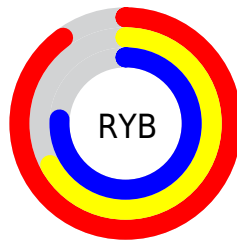
The Hex color **E6ACC1** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **ACE6D1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE4F9**, and **AE778C** is the 20% darker color. If you saturate the color by 10%, you get **E695B2**, and if you desaturate by 10%, it is **E6C3D0**.

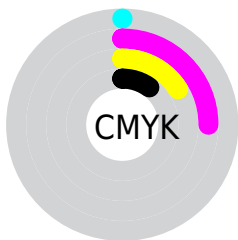
# Distribution



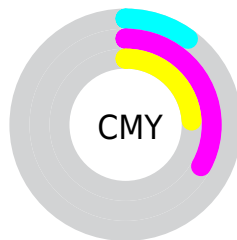
- Red (90%)
- Green (67%)
- Blue (76%)



- Red (90%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6ACC1 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 E6ACC1 by changing the saturation by 10% instead.



 E6ACC1

 E6ACC1

FFFFFF

 CA91A6

 FFE4F9

 AE778C

 935E72

 78465A

 5F2F42

 46182C

 2E0218

 120000

 000000

 E6ACC1

 E6ACC1

 E695B2

 E6C3D0

 E67EA4

 E6DADE

 E66795

 E6F1ED

 E65086

 E6FFFC

 E63978

 E6FFFF

 E62269

 E60B5A

 E60053

# Harmonies

## Analogous

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



D5B0D6



E6ACC1



EAADAA

# Triad

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



E6ACC1



B9C092



83C5E0

# Complementary

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



E6ACC1



ACE6D1

# 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.



7CC8CE



E6ACC1



9FC6A1

# Square

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



E6ACC1



D1B98F



88C8B7



9BBFE8

# Rectangle

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



E6ACC1



E6B09D



88C8B7



7EC7DB



# Sweetspot

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



E6ACC1



FFEBF2



D1ACE6



807377



000000



808080



# Same Dimension

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



E6ACC1



FFB3CE



E6B4AC



73676B



B30041



330012



# Inverse Universe

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



E6ACC1



FFB3CE



ACDEE6



73676B



B30041



330012



# Previews

## White Background



This preview shows how the Hex color E6ACC1 looks on a white background.

## Color Contrast Check

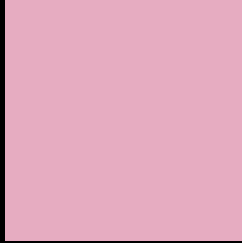
Large Text (above 18pt) WCAG AA × Fail

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 E6ACC1 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 E6ACC1 Background



This preview shows how black text looks on a background with the Hex color E6ACC1.



This preview shows how white text looks on a background with the Hex color E6ACC1.

# 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**  
E5ADBA

# Trichromacy



**Original Color**  
E6ACC1



**Protanomaly**  
CBB6C7



**Deuteranomaly**  
D6B2C0



**Tritanomaly**  
E5ADBD

# Monochromacy



**Original Color**  
E6ACC1



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
CEB9C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6ACC1 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 #E6ACC1 looks like.

```
.text, #text, p{  
    color:#E6ACC1  
}
```

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 #E6ACC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6ACC1  
}
```

## Border

The CSS property to change the border of an element to Hex E6ACC1 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  
#E6ACC1 }
```

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

```
.border{ border-color:#E6ACC1 }
```

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

Here you see how a box with a 4 pixel #E6ACC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6ACC1; -webkit-box-shadow:4px 4px  
4px 4px #E6ACC1; box-shadow:4px 4px 4px  
4px #E6ACC1 }
```

# Background

The CSS property to change the background color of an element to Hex E6ACC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6ACC1 }
```

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

```
.background{ background-color:#E6ACC1 }
```

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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