

Converting Colors

Hex(E64CAB)

Have a look what the booklet for
Hex(E64CAB) contains.

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Color

Hex(E64CAB)

Conversions

Conversions Part 1

Format	Color
Hex	E64CAB
RGB	230, 76, 171
RGB Percent	90%, 30%, 67%
CMY	0.0980, 0.7020, 0.3294
CMYK	0.00, 0.67, 0.26, 0.10
HSL	323°, 75%, 60%
HSV	323°, 67%, 90%
XYZ	42.5683, 24.9322, 41.0969
YIQ	132.8760, 61.2890, 62.1930

Conversions

Conversions Part 2

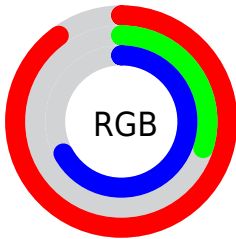
Format	Color
RYB	230, 76, 171
Decimal	15092907
CIELab	57.01, 67.85, -18.66
CIELCh	57, 70.372, 344.624
Yxy	24.9322, 0.3920, 0.2296
Android (android.graphics.Color)	4293282987 (0xFFE64CAB)
YUV	132.8760, 18.7951, 85.1777
Hunter-Lab	49.9321, 64.7941, -13.8465

Details

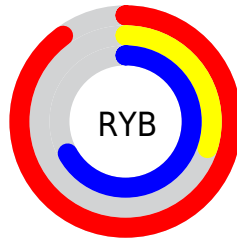
The Hex color **E64CAB** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4CE687**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF87E2**, and **AA0077** is the 20% darker color. If you saturate the color by 10%, you get **E635A2**, and if you desaturate by 10%, it is **E663B4**.

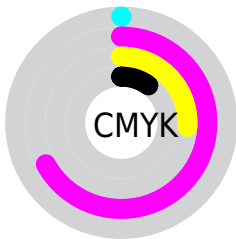
Distribution



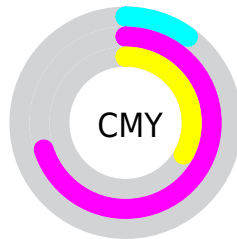
- Red (90%)
- Green (30%)
- Blue (67%)



- Red (90%)
- Yellow (30%)
- Blue (67%)



- Cyan (0%)
- Magenta (67%)
- Yellow (26%)
- Black (10%)



- Cyan (10%)
- Magenta (70%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color E64CAB 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 E64CAB by changing the saturation by 10% instead.

 E64CAB

 E64CAB

FFFFFF

 C82B90

 FF87E2

 AA0077

 FFA3FF

 8D005E

 FFC0FF

 710046

 FFDEFF

 54002F

 FFFCFF

 3A001B

 180001

 000000

 E64CAB

 E64CAB

 E635A2

 E663B4

 E61E99

 E67ABD

 E60791

 E691C5

 E6008E

 E6A8CE

 E6BFD7

 E6D6E0

 E6EDE9

 E6FFF1

 E6FFFA

Harmonies

Analogous

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



B06AE1



E64CAB



F5466E

Triad

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



E64CAB



898F00



00A2DE

Complementary

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



E64CAB



4CE687

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.



00A5A6



E64CAB



3D9C26

Square

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



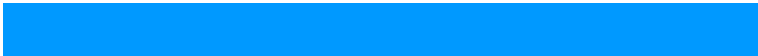
E64CAB



BE7A00



00A366



0099FF

Rectangle

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



E64CAB



ED5547



00A366



00A3CD

Sweetspot

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



E64CAB



FFCCEB



844CE6



806174



000000



808080

Same Dimension

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



E64CAB



FF33B1



E64C61



73676E



B3006E



33001F

Inverse Universe

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



E64CAB



FF33B1



4CE6D1



73676E



B3006E



33001F

Previews

White Background



This preview shows how the Hex color E64CAB looks on a white background.

Color Contrast Check

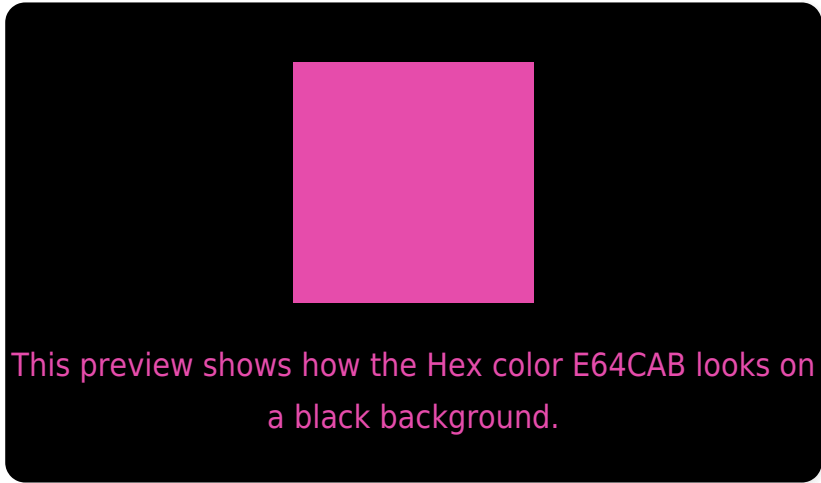
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E64CAB Background



This preview shows how black text looks on a background with the Hex color E64CAB.

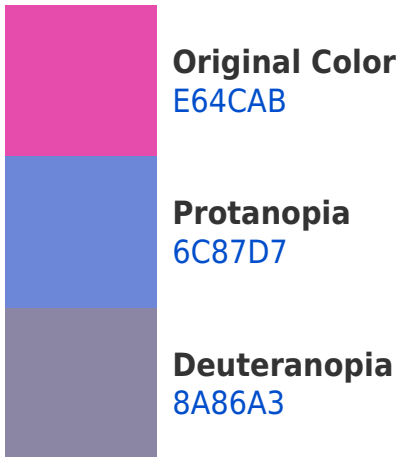


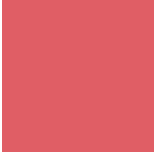
This preview shows how white text looks on a background with the Hex color E64CAB.

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
E05E65

Trichromacy



Original Color
E64CAB



Protanomaly
9872C7



Deuteranomaly
AB71A6



Tritanomaly
E2577E

Monochromacy



Original Color
E64CAB



Achromatopsia
858585



Achromatomaly
A87093

CSS Examples

Text

The CSS property to change the color of the text to Hex E64CAB 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 #E64CAB looks like.

```
.text, #text, p{  
    color:#E64CAB  
}
```

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 #E64CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64CAB
}
```

Border

The CSS property to change the border of an element to Hex E64CAB 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
#E64CAB }
```

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

```
.border{ border-color:#E64CAB }
```

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

Here you see how a box with a 4 pixel #E64CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64CAB; -webkit-box-shadow:4px 4px  
4px 4px #E64CAB; box-shadow:4px 4px 4px  
4px #E64CAB }
```

Background

The CSS property to change the background color of an element to Hex E64CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64CAB }
```

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

```
.background{ background-color:#E64CAB }
```

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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