

# Converting Colors

Hex(E64CBF)

Have a look what the booklet for  
Hex(E64CBF) contains.

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# Color

Hex(E64CBF)

# Conversions

## Conversions Part 1

Format	Color
Hex	E64CBF
RGB	230, 76, 191
RGB Percent	90%, 30%, 75%
CMY	0.0980, 0.7020, 0.2510
CMYK	0.00, 0.67, 0.17, 0.10
HSL	315°, 75%, 60%
HSV	315°, 67%, 90%
XYZ	44.6215, 25.7535, 51.9093
YIQ	135.1560, 54.8690, 68.4130

# Conversions

## Conversions Part 2

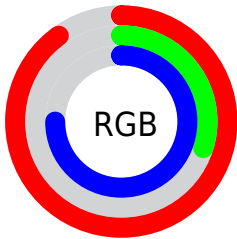
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 76, 191
Decimal	15092927
CIE <sub>Lab</sub>	57.80, 70.49, -28.99
CIE <sub>LCh</sub>	58, 76.219, 337.641
Yxy	25.7535, 0.3649, 0.2106
Android (android.graphics.Color)	4293283007 (0xFFE64CBF)
YUV	135.1560, 27.5311, 83.1782
Hunter-Lab	50.7479, 68.1425, -25.1234

# Details

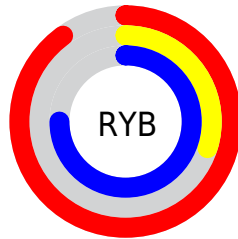
The Hex color **E64CBF** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **4CE673**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF87F8**, and **AB0089** is the 20% darker color. If you saturate the color by 10%, you get **E635B9**, and if you desaturate by 10%, it is **E663C5**.

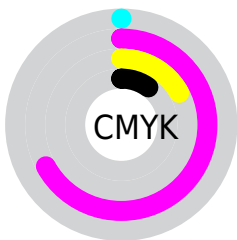
# Distribution



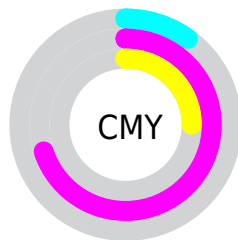
- Red (90%)
- Green (30%)
- Blue (75%)



- Red (90%)
- Yellow (30%)
- Blue (75%)



- Cyan (0%)
- Magenta (67%)
- Yellow (17%)
- Black (10%)



- Cyan (10%)
- Magenta (70%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E64CBF 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 E64CBF by changing the saturation by 10% instead.



 E64CBF

 E64CBF

FFFFFF

 C82AA4

 FF87F8

 AB0089

 FFA4FF

 8E0070

 FFC1FF

 710057

 FFDFFF

 55003F

 FFFDFD

 3B0029

 1C0012

 000000

 E64CBF

 E64CBF

 E635B9

 E663C5

 E61EB3

 E67ACB

 E607AE

 E691D0

 E600AC

 E6A8D6

 E6BFDC

 E6D6E2

 E6EDE8

 E6FFEE

 E6FFF3

# Harmonies

## Analogous

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



A070F6



E64CBF



FF3A7D

# Triad

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



E64CBF



988E00



00A7DB

# Complementary

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



E64CBF



4CE673

# 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.



00A89B



E64CBF



4F9D00

# Square

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



E64CBF



CF7400



00A555



009FFF

# Rectangle

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



E64CBF



FB4852



00A555



00A8C7



# Sweetspot

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



E64CBF



FFCCF2



734CE6



806178



000000



808080



# Same Dimension

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



E64CBF



FF33CB



E64C73



736770



B30085



330026



# Inverse Universe

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



E64CBF



FF33CB



4CE6C0



736770



B30085



330026



# Previews

## White Background



This preview shows how the Hex color E64CBF looks on a white background.

## Color Contrast Check

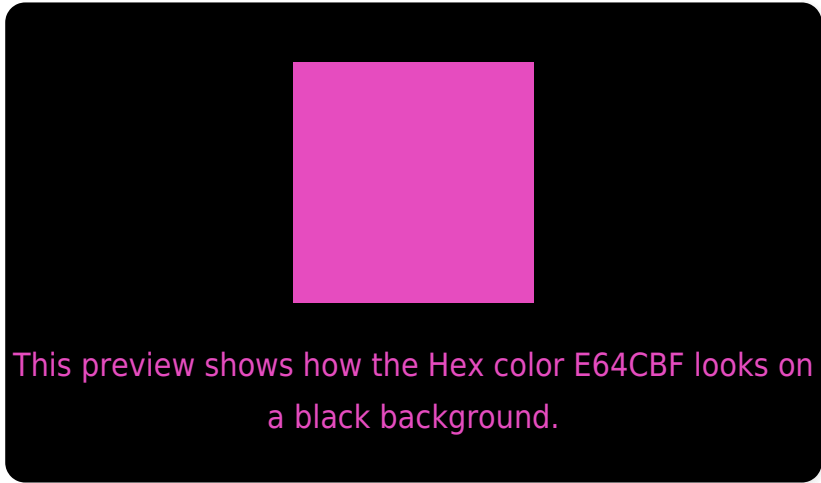
Large Text (above 18pt) WCAG AA ✓ Pass

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 E64CBF Background



This preview shows how black text looks on a background with the Hex color E64CBF.



This preview shows how white text looks on a background with the Hex color E64CBF.

# 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**  
DE646B

# Trichromacy



**Original Color**  
E64CBF



**Protanomaly**  
8F72DE



**Deuteranomaly**  
A673B9



**Tritanomaly**  
E15B8A

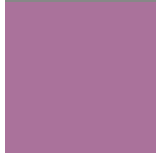
# Monochromacy



**Original Color**  
E64CBF



**Achromatopsia**  
878787



**Achromatomaly**  
AA729B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E64CBF 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 #E64CBF looks like.

```
.text, #text, p{  
    color:#E64CBF  
}
```

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 #E64CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64CBF
}
```

## Border

The CSS property to change the border of an element to Hex E64CBF 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
#E64CBF }
```

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

```
.border{ border-color:#E64CBF }
```

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

Here you see how a box with a 4 pixel #E64CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64CBF; -webkit-box-shadow:4px 4px  
4px 4px #E64CBF; box-shadow:4px 4px 4px  
4px #E64CBF }
```

# Background

The CSS property to change the background color of an element to Hex E64CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64CBF }
```

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

```
.background{ background-color:#E64CBF }
```

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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