

# Converting Colors

Hex(E36FCC)

Have a look what the booklet for  
Hex(E36FCC) contains.

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# Color

Hex(E36FCC)

# Conversions

## Conversions Part 1

Format	Color
Hex	E36FCC
RGB	227, 111, 204
RGB Percent	89%, 44%, 80%
CMY	0.1098, 0.5647, 0.2000
CMYK	0.00, 0.51, 0.10, 0.11
HSL	312°, 67%, 66%
HSV	312°, 51%, 89%
XYZ	48.2621, 32.0594, 60.7711
YIQ	156.2860, 39.2830, 53.5150

# Conversions

## Conversions Part 2

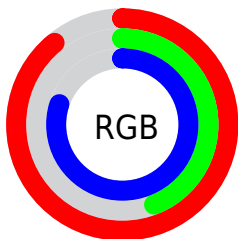
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">227, 111, 204</a>
Decimal	<a href="#">14905292</a>
CIELab	<a href="#">63.39, 56.69, -27.79</a>
CIELCh	<a href="#">63, 63.132, 333.889</a>
Yxy	<a href="#">32.0594, 0.3421, 0.2272</a>
Android (android.graphics.Color)	<a href="#">4293095372</a> ( <a href="#">0xFFE36FCC</a> )
YUV	<a href="#">156.2860, 23.5230, 62.0162</a>
Hunter-Lab	<a href="#">56.6210, 53.0613, -24.0010</a>

# Details

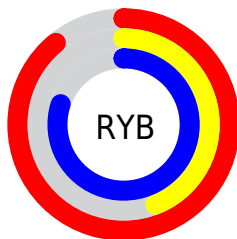
The Hex color **E36FCC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6FE386**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFA6FF**, and **A93896** is the 20% darker color. If you saturate the color by 10%, you get **E358C7**, and if you desaturate by 10%, it is **E386D1**.

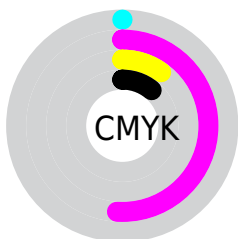
# Distribution



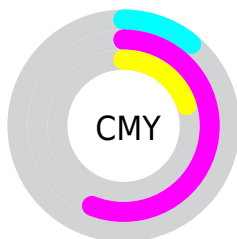
- Red (89%)
- Green (44%)
- Blue (80%)



- Red (89%)
- Yellow (44%)
- Blue (80%)



- Cyan (0%)
- Magenta (51%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E36FCC 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 E36FCC by changing the saturation by 10% instead.



 E36FCC

 E36FCC

FFFFFF

 C654B0

 FFA6FF

 A93896

 FFC3FF

 8D177C

 FFE0FF

 710062

 FFFDFF

 56004A

 3D0033

 23001D

 000000

 E36FCC

 E36FCC

 E358C7

 E386D1

 E342C3

 E39CD5

 E32BBE

 E3B3DA

 E314BA

 E3CADE

 E300B6

 E3E1E3

 E3F7E7

 E3FFEC

 E3FFF0

 E3FFF5

# Harmonies

## Analogous

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



A487F7



E36FCC



FE6394

# Triad

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



E36FCC



AF9918



00B3D7

# Complementary

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



E36FCC



6FE386

# 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.



00B49F



E36FCC



75A833

# Square

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



E36FCC



DD8431



00B165



00ACFE

# Rectangle

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



E36FCC



FE686F



00B165



00B4C5



# Sweetspot

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



E36FCC



FFD9F7



846FE3



80697B



000000



808080



# Same Dimension

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



E36FCC



FF63E0



E36F94



736770



B3008F



330029



# Inverse Universe

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



E36FCC



FF63E0



6FE3BE



736770



B3008F



330029



# Previews

## White Background



This preview shows how the Hex color E36FCC looks on a white background.

## Color Contrast Check

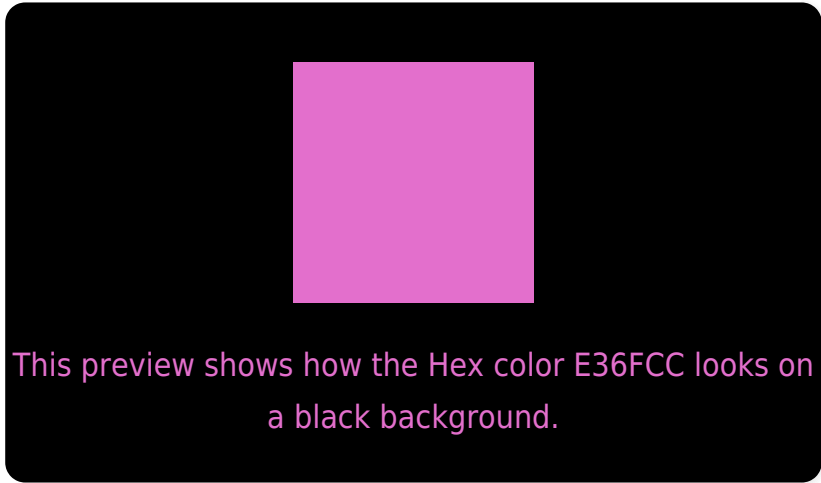
Large Text (above 18pt) WCAG AA × Fail

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 E36FCC Background



This preview shows how black text looks on a background with the Hex color E36FCC.

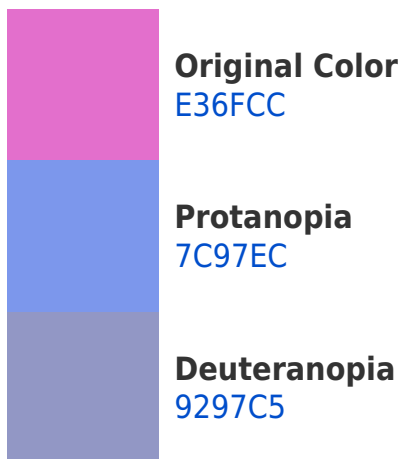


This preview shows how white text looks on a background with the Hex color E36FCC.

# 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**  
DB7F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E36FCC 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 #E36FCC looks like.

```
.text, #text, p{  
    color:#E36FCC  
}
```

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 #E36FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E36FCC
}
```

## Border

The CSS property to change the border of an element to Hex E36FCC 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
#E36FCC }
```

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

```
.border{ border-color:#E36FCC }
```

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

Here you see how a box with a 4 pixel #E36FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E36FCC; -webkit-box-shadow:4px 4px  
4px 4px #E36FCC; box-shadow:4px 4px 4px  
4px #E36FCC }
```

# Background

The CSS property to change the background color of an element to Hex E36FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E36FCC }
```

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

```
.background{ background-color:#E36FCC }
```

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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