

# Converting Colors

Hex(E36BBC)

Have a look what the booklet for  
Hex(E36BBC) contains.

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# Color

Hex(E36BBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	E36BBC
RGB	227, 107, 188
RGB Percent	89%, 42%, 74%
CMY	0.1098, 0.5804, 0.2627
CMYK	0.00, 0.53, 0.17, 0.11
HSL	320°, 68%, 65%
HSV	320°, 53%, 89%
XYZ	46.0133, 30.4771, 51.0345
YIQ	152.1140, 45.5190, 50.6310

# Conversions

## Conversions Part 2

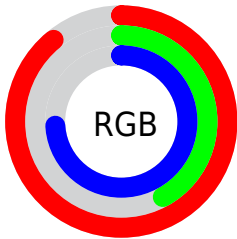
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 107, 188
Decimal	14904252
CIE <sub>Lab</sub>	62.06, 56.12, -20.76
CIE <sub>LCh</sub>	62, 59.838, 339.695
Y <sub>xy</sub>	30.4771, 0.3608, 0.2390
Android (android.graphics.Color)	4293094332 (0xFFE36BBC)
Y <sub>UV</sub>	152.1140, 17.6918, 65.6750
Hunter-Lab	55.2061, 52.1661, -16.1655

# Details

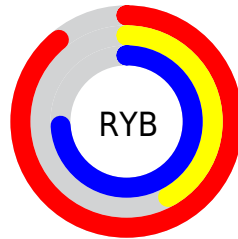
The Hex color **E36BBC** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6BE392**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA2F4**, and **A93387** is the 20% darker color. If you saturate the color by 10%, you get **E354B5**, and if you desaturate by 10%, it is **E382C3**.

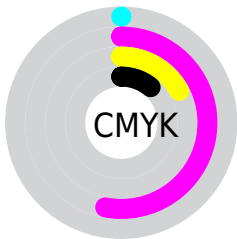
# Distribution



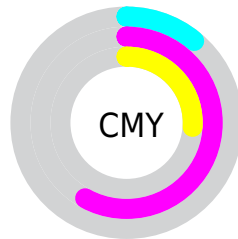
- Red (89%)
- Green (42%)
- Blue (74%)



- Red (89%)
- Yellow (42%)
- Blue (74%)



- Cyan (0%)
- Magenta (53%)
- Yellow (17%)
- Black (11%)



- Cyan (11%)
- Magenta (58%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E36BBC 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 E36BBC by changing the saturation by 10% instead.



 E36BBC

 E36BBC

FFFFFF

 C650A1

 FFA2F4

 A93387

 FFBFFF

 8D106D

 FFDCCF

 710055

 FFF9FF

 56003D

 3D0027

 210011

 000000

 E36BBC

 E36BBC

 E354B5

 E382C3

 E33EAD

 E398CB

 E327A6

 E3AFD2

 E3109E

 E3C6DA

 E30099

 E3DCE1

 E3F3E8

 E3FFF0

 E3FFF7

 E3FFFE

# Harmonies

## Analogous

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



AF80E8



E36BBC



F66487

# Triad

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



E36BBC



A29920



00ADD9

# Complementary

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



E36BBC



6BE392

# 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.



00AFA6



E36BBC



68A63F

# Square

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



E36BBC



CF862D



00AD6F



00A6F9

# Rectangle

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



E36BBC



F36B65



00AD6F



00AFC9



# Sweetspot

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



E36BBC



FFD6F2



916BE3



806778



000000



808080



# Same Dimension

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



E36BBC



FF5ECB



E36B81



73676F



B30078



330022



# Inverse Universe

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



E36BBC



FF5ECB



6BE3CD



73676F



B30078



330022



# Previews

## White Background



This preview shows how the Hex color E36BBC looks on a white background.

## Color Contrast Check

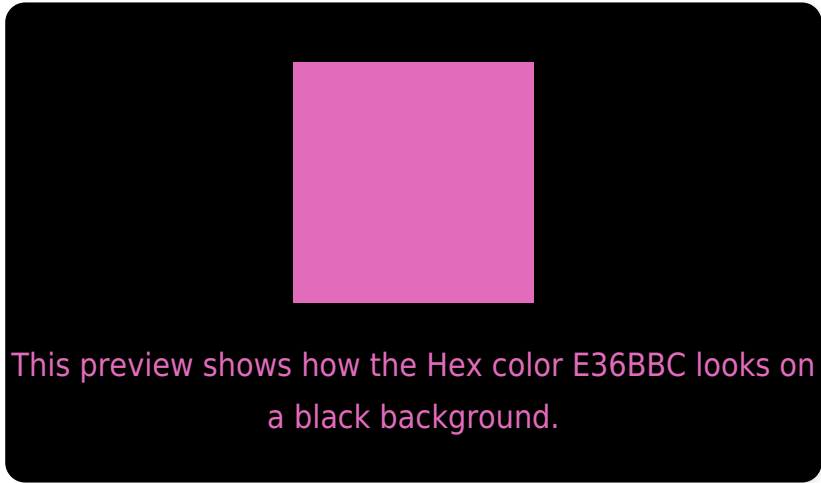
Large Text (above 18pt) WCAG AA × Fail

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 E36BBC Background



This preview shows how black text looks on a background with the Hex color E36BBC.



This preview shows how white text looks on a background with the Hex color E36BBC.

# 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**  
DD7881

# Trichromacy



**Original Color**  
E36BBC



**Protanomaly**  
A385D0



**Deuteranomaly**  
B284B8

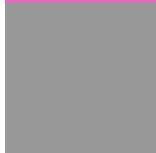


**Tritanomaly**  
DF7396

# Monochromacy



**Original Color**  
E36BBC



**Achromatopsia**  
989898



**Achromatomaly**  
B388A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E36BBC 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 #E36BBC looks like.

```
.text, #text, p{  
    color:#E36BBC  
}
```

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 #E36BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E36BBC
}
```

## Border

The CSS property to change the border of an element to Hex E36BBC 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
#E36BBC }
```

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

```
.border{ border-color:#E36BBC }
```

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

Here you see how a box with a 4 pixel #E36BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E36BBC; -webkit-box-shadow:4px 4px  
4px 4px #E36BBC; box-shadow:4px 4px 4px  
4px #E36BBC }
```

# Background

The CSS property to change the background color of an element to Hex E36BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E36BBC }
```

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

```
.background{ background-color:#E36BBC }
```

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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