

# Converting Colors

Hex(E216BC)

Have a look what the booklet for  
Hex(E216BC) contains.

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**Color**

**Hex(E216BC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E216BC
RGB	226, 22, 188
RGB Percent	89%, 9%, 74%
CMY	0.1137, 0.9137, 0.2627
CMYK	0.00, 0.90, 0.17, 0.11
HSL	311°, 82%, 49%
HSV	311°, 90%, 89%
XYZ	40.7280, 20.3734, 49.3628
YIQ	101.9200, 68.2980, 94.8740

# Conversions

## Conversions Part 2

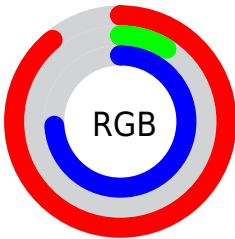
Format	Color
<a href="#">RYB</a>	<a href="#">226, 22, 188</a>
Decimal	<a href="#">14816956</a>
CIELab	<a href="#">52.26, 82.74, -35.96</a>
CIElCh	<a href="#">52, 90.219, 336.512</a>
Yxy	<a href="#">20.3734, 0.3687, 0.1844</a>
Android (android.graphics.Color)	<a href="#">4293007036 (0xFFE216BC)</a>
YUV	<a href="#">101.9200, 42.4374, 108.8182</a>
Hunter-Lab	<a href="#">45.1369, 82.0749, -33.2451</a>

# Details

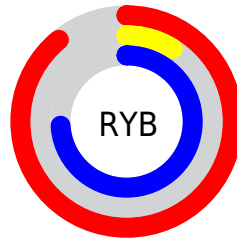
The Hex color **E216BC** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **16E23C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF66F5**, and **A60086** is the 20% darker color. If you saturate the color by 10%, you get **E200B8**, and if you desaturate by 10%, it is **E22DC0**.

# Distribution



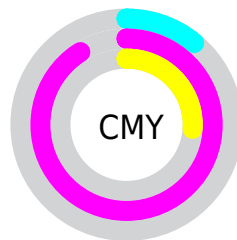
- Red (89%)
- Green (9%)
- Blue (74%)



- Red (89%)
- Yellow (9%)
- Blue (74%)



- Cyan (0%)
- Magenta (90%)
- Yellow (17%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E216BC 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 E216BC by changing the saturation by 10% instead.



 E216BC

 E216BC

FFFFFF

 C400A1

 FF66F5

 A60086

 FF85FF

 88006C

 FFA3FF

 6B0054

 FFC1FF

 4F003C

 FFDFFF

 320025

FFFEFF

 0A000D

 000000

 E216BC

 E216BC

 E200B8

 E22DC0

 E243C4

 E25AC9

 E270CD

 E287D1

 E29ED5

 E2B4D9

 E2CBDE

 E2E1E2

# Harmonies

## Analogous

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



8B5EFB



E216BC



FF0070

# Triad

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



E216BC



897F00



009CD8

# Complementary

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



E216BC



16E23C

# 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.



009C8C



E216BC



2A9000

# Square

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



E216BC



C76000



009839



0095FF

# Rectangle

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



E216BC



FA003E



009839



009CC0



# Sweetspot

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



E216BC



FFBAF2



3B16E2



805778



000000



808080



# Same Dimension

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



E216BC



FF00CF



E21657



70656E



B0008F



300027



# Inverse Universe

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



E216BC



FF00CF



16E2A1



70656E



B0008F



300027



# Previews

## White Background



This preview shows how the Hex color E216BC 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

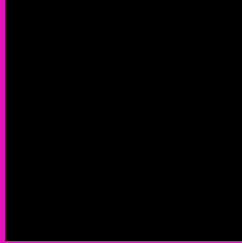
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E216BC Background



This preview shows how black text looks on a background with the Hex color E216BC.



This preview shows how white text looks on a background with the Hex color E216BC.

# 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**  
D94C50

# Trichromacy



**Original Color**  
E216BC



**Protanomaly**  
6155E7



**Deuteranomaly**  
9657B5



**Tritanomaly**  
DC3877

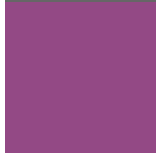
# Monochromacy



**Original Color**  
E216BC



**Achromatopsia**  
666666



**Achromatomaly**  
934985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E216BC 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 #E216BC looks like.

```
.text, #text, p{  
    color:#E216BC  
}
```

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 #E216BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E216BC
}
```

## Border

The CSS property to change the border of an element to Hex E216BC 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
#E216BC }
```

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

```
.border{ border-color:#E216BC }
```

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

Here you see how a box with a 4 pixel #E216BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E216BC; -webkit-box-shadow:4px 4px  
4px 4px #E216BC; box-shadow:4px 4px 4px  
4px #E216BC }
```

# Background

The CSS property to change the background color of an element to Hex E216BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E216BC }
```

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

```
.background{ background-color:#E216BC }
```

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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