

# Converting Colors

Hex(E156DF)

Have a look what the booklet for  
Hex(E156DF) contains.

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# Color

Hex(E156DF)

# Conversions

## Conversions Part 1

Format	Color
Hex	E156DF
RGB	225, 86, 223
RGB Percent	88%, 34%, 87%
CMY	0.1176, 0.6627, 0.1255
CMYK	0.00, 0.62, 0.01, 0.12
HSL	301°, 70%, 61%
HSV	301°, 62%, 88%
XYZ	47.6984, 27.9908, 72.7008
YIQ	143.1790, 38.8670, 72.0750

# Conversions

## Conversions Part 2

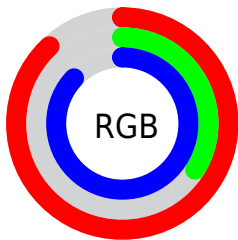
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 86, 223
Decimal	14767839
CIE Lab	59.88, 70.27, -43.98
CIE LCh	60, 82.893, 327.958
Yxy	27.9908, 0.3214, 0.1886
Android (android.graphics.Color)	4292957919 (0xFFE156DF)
YUV	143.1790, 39.3518, 71.7570
Hunter-Lab	52.9064, 68.3428, -44.4384

# Details

The Hex color **E156DF** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **56E158**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF90FF**, and **A60BA7** is the 20% darker color. If you saturate the color by 10%, you get **E140DF**, and if you desaturate by 10%, it is **E16DDF**.

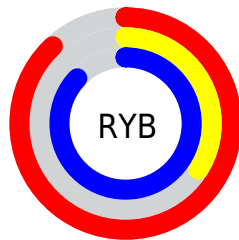
# Distribution



Red (88%)

Green (34%)

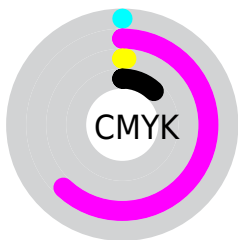
Blue (87%)



Red (88%)

Yellow (34%)

Blue (87%)

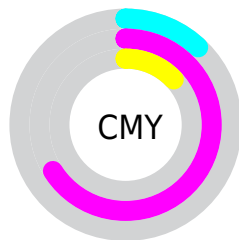


Cyan (0%)

Magenta (62%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (66%)


Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E156DF 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 E156DF by changing the saturation by 10% instead.



 E156DF

 E156DF

FFFFFF

 C337C3

 FF90FF

 A60BA7

 FFADFF

 8A008C

 FFCAFF

 6E0072

 FFE7FF

 520059

 390041

 1A002A

 000114

 000000

 E156DF

 E156DF

 E140DF

 E16DDF

 E129DE

 E183E0

 E113DE

 E19AE0

 E100DE

 E1B0E0

 E1C7E1

 E1DDE1

 E1F3E1

 E1FFE2

# Harmonies

## Analogous

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



7C7FFF



E156DF



FF3199

# Triad

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



E156DF



B28C00



00B0D3

# Complementary

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



E156DF



56E158

# 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.



00AF89



E156DF



6BA000

# Square

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



E156DF



E96C00



00AA3B



00AAFF

# Rectangle

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



E156DF



FF3768



00AA3B



00B0BB



# Sweetspot

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



E156DF



FFCFFE



5656E1



80627F



000000



808080



# Same Dimension

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



E156DF



FF42FC



E1569B



706570



B000AD



300030



# Inverse Universe

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



E156DF



FF42FC



56E19B



706570



B000AD



300030



# Previews

## White Background



This preview shows how the Hex color E156DF 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

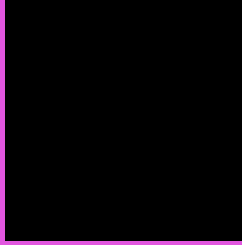
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E156DF Background



This preview shows how black text looks on a background with the Hex color E156DF.



This preview shows how white text looks on a background with the Hex color E156DF.

# 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**  
D5737B

# Trichromacy



**Original Color**  
E156DF



**Protanomaly**  
8C79F3



**Deuteranomaly**  
9B7BD9



**Tritanomaly**  
D9689F

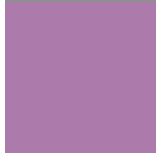
# Monochromacy



**Original Color**  
E156DF



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
AD7AAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E156DF 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 #E156DF looks like.

```
.text, #text, p{  
    color:#E156DF  
}
```

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 #E156DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E156DF
}
```

## Border

The CSS property to change the border of an element to Hex E156DF 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
#E156DF }
```

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

```
.border{ border-color:#E156DF }
```

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

Here you see how a box with a 4 pixel #E156DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E156DF; -webkit-box-shadow:4px 4px  
4px 4px #E156DF; box-shadow:4px 4px 4px  
4px #E156DF }
```

# Background

The CSS property to change the background color of an element to Hex E156DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E156DF }
```

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

```
.background{ background-color:#E156DF }
```

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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