

# Converting Colors

Hex(E944D9)

Have a look what the booklet for  
Hex(E944D9) contains.

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# Color

**Hex(E944D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E944D9
RGB	233, 68, 217
RGB Percent	91%, 27%, 85%
CMY	0.0863, 0.7333, 0.1490
CMYK	0.00, 0.71, 0.07, 0.09
HSL	306°, 79%, 59%
HSV	306°, 71%, 91%
XYZ	48.1958, 26.4676, 68.2142
YIQ	134.3210, 50.5110, 81.3190

# Conversions

## Conversions Part 2

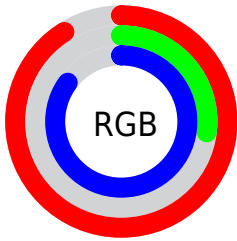
Format	Color
R <sub>YB</sub>	233, 68, 217
Decimal	15287513
CIE <sub>Lab</sub>	58.48, 77.69, -42.72
CIE <sub>LCh</sub>	58, 88.658, 331.192
Yxy	26.4676, 0.3373, 0.1852
Android (android.graphics.Color)	4293477593 (0xFFE944D9)
YUV	134.3210, 40.7607, 86.5415
Hunter-Lab	51.4467, 77.1888, -42.6011

# Details

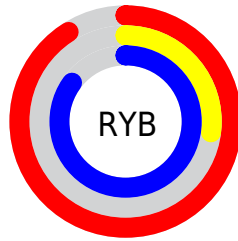
The Hex color **E944D9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **44E954**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF82FF**, and **AD00A2** is the 20% darker color. If you saturate the color by 10%, you get **E92DD7**, and if you desaturate by 10%, it is **E95BDB**.

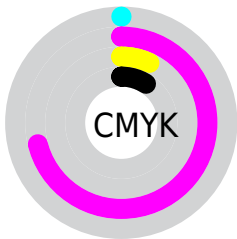
# Distribution



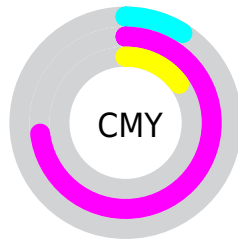
- Red (91%)
- Green (27%)
- Blue (85%)



- Red (91%)
- Yellow (27%)
- Blue (85%)



- Cyan (0%)
- Magenta (71%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (73%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E944D9 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 E944D9 by changing the saturation by 10% instead.



 E944D9

 E944D9

FFFFFF

 CB1CBD

 FF82FF

 AD00A2

 FF9FFF

 900087

 FFBDFE

 73006D

 FFDBFF

 570054

 FFF9FF

 3D003C

 1F0025

 00010D

 000000

 E944D9

 E944D9

 E92DD7

 E95BDB

 E915D4

 E973DE

 E900D2

 E98AE0

 E9A1E2

 E9B8E4

 E9D0E7

 E9E7E9

 E9FEEB

 E9FFED

# Harmonies

## Analogous

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



8476FF



E944D9



FF058D

# Triad

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



E944D9



A88B00



00ADDC

# Complementary

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



E944D9



44E954

# 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.



00AD8E



E944D9



579E00

# Square

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



E944D9



E36900



00A83A



00A7FF

# Rectangle

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



E944D9



FF235A



00A83A



00ADC3



# Sweetspot

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



E944D9



FFC9FA



5244E9



80607C



000000



808080



# Same Dimension

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



E944D9



FF26EA



E94489



756A74



B500A3



360030



# Inverse Universe

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



E944D9



FF26EA



44E9A4



756A74



B500A3



360030



# Previews

## White Background



This preview shows how the Hex color E944D9 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

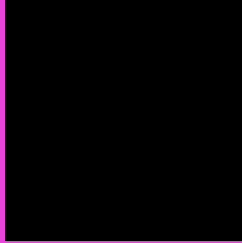
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E944D9 Background



This preview shows how black text looks on a background with the Hex color E944D9.

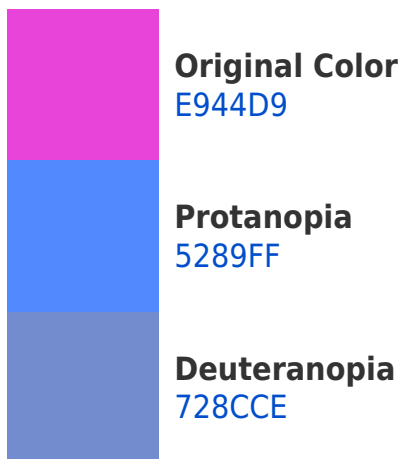


This preview shows how white text looks on a background with the Hex color E944D9.

# 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**  
DE676E

# Trichromacy



**Original Color**  
E944D9



**Protanomaly**  
8970F1



**Deuteranomaly**  
9D72D2



**Tritanomaly**  
E25A95

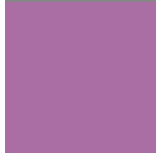
# Monochromacy



**Original Color**  
E944D9



**Achromatopsia**  
868686



**Achromatomaly**  
AA6EA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E944D9 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 #E944D9 looks like.

```
.text, #text, p{  
    color:#E944D9  
}
```

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 #E944D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E944D9
}
```

## Border

The CSS property to change the border of an element to Hex E944D9 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
#E944D9 }
```

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

```
.border{ border-color:#E944D9 }
```

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

Here you see how a box with a 4 pixel #E944D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E944D9; -webkit-box-shadow:4px 4px  
4px 4px #E944D9; box-shadow:4px 4px 4px  
4px #E944D9 }
```

# Background

The CSS property to change the background color of an element to Hex E944D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E944D9 }
```

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

```
.background{ background-color:#E944D9 }
```

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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