

# Converting Colors

Hex(E244C0)

Have a look what the booklet for  
Hex(E244C0) contains.

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# Color

**Hex(E244C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E244C0
RGB	226, 68, 192
RGB Percent	89%, 27%, 75%
CMY	0.1137, 0.7333, 0.2471
CMYK	0.00, 0.70, 0.15, 0.11
HSL	313°, 73%, 58%
HSV	313°, 70%, 89%
XYZ	42.9456, 24.1088, 52.2591
YIQ	129.3780, 54.3640, 72.0600

# Conversions

## Conversions Part 2

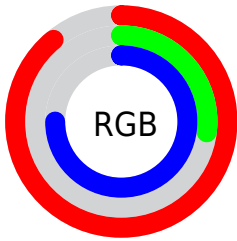
Format	Color
R <sub>Y</sub> B	226, 68, 192
Decimal	14828736
CIE Lab	56.20, 72.48, -32.11
CIE LCh	56, 79.278, 336.104
Yxy	24.1088, 0.3599, 0.2021
Android (android.graphics.Color)	4293018816 (0xFFE244C0)
YUV	129.3780, 30.8726, 84.7375
Hunter-Lab	49.1007, 70.1976, -28.7334

# Details

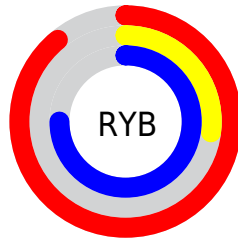
The Hex color **E244C0** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted magenta. A complement of this color would be **44E266**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF80F9**, and **A7008A** is the 20% darker color. If you saturate the color by 10%, you get **E22DBB**, and if you desaturate by 10%, it is **E25BC5**.

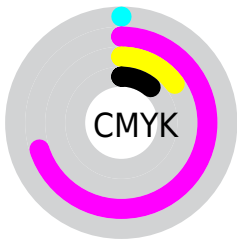
# Distribution



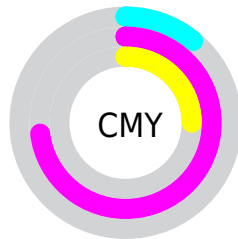
- Red (89%)
- Green (27%)
- Blue (75%)



- Red (89%)
- Yellow (27%)
- Blue (75%)



- Cyan (0%)
- Magenta (70%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (73%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E244C0 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 E244C0 by changing the saturation by 10% instead.



 E244C0

 E244C0

FFFFFF

 C41FA5

 FF80F9

 A7008A

 FF9DFF

 8A0070

 FFBBFF

 6D0057

 FFD8FF

 510040

 FFF6FF

 370029

 150013

 000000

 E244C0

 E244C0

 E22DBB

 E25BC5

 E217B6

 E271CA

 E200B1

 E288CF

 E29ED3

 E2B5D8

 E2CCDD

 E2E2E2

 E2F9E7

 E2FFEC

# Harmonies

## Analogous

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



966DF7



E244C0



FD2B7C

# Triad

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



E244C0



968900



00A4D7

# Complementary

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



E244C0



44E266

# 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.



00A493



E244C0



4B9900

# Square

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



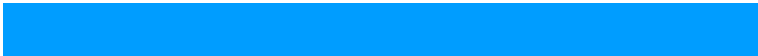
E244C0



CE6E00



00A14B



009DFF

# Rectangle

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



E244C0



FA3B4F



00A14B



00A4C2



# Sweetspot

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



E244C0



FFC9F3



6444E2



806079



000000



808080



# Same Dimension

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



E244C0



FF29D1



E24473



70656E



B0008A



300026



# Inverse Universe

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



E244C0



FF29D1



44E2B3



70656E



B0008A



300026



# Previews

## White Background



This preview shows how the Hex color E244C0 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 E244C0 Background



This preview shows how black text looks on a background with the Hex color E244C0.



This preview shows how white text looks on a background with the Hex color E244C0.

# 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](#).

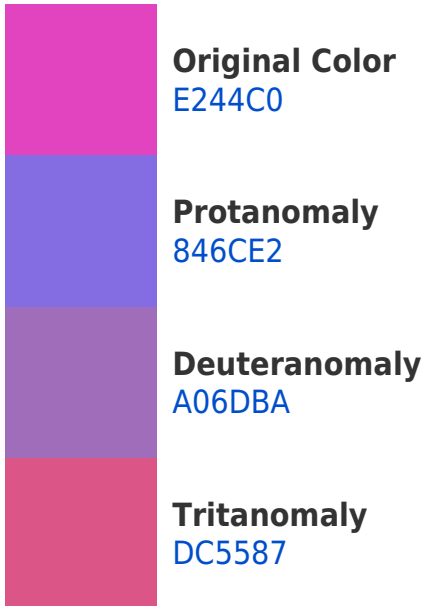
## Dichromacy



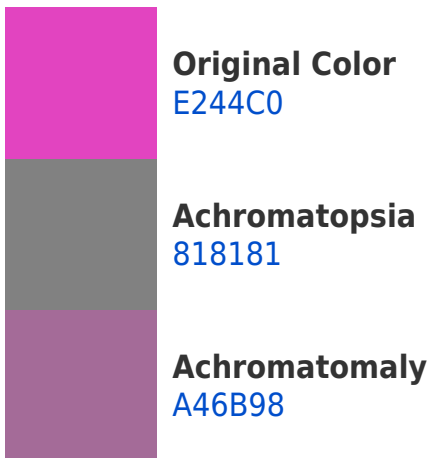


**Tritanopia**  
D95F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E244C0 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 #E244C0 looks like.

```
.text, #text, p{  
    color:#E244C0  
}
```

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 #E244C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E244C0
}
```

## Border

The CSS property to change the border of an element to Hex E244C0 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
#E244C0 }
```

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

```
.border{ border-color:#E244C0 }
```

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

Here you see how a box with a 4 pixel #E244C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E244C0; -webkit-box-shadow:4px 4px  
4px 4px #E244C0; box-shadow:4px 4px 4px  
4px #E244C0 }
```

# Background

The CSS property to change the background color of an element to Hex E244C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E244C0 }
```

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

```
.background{ background-color:#E244C0 }
```

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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