

# Converting Colors

Hex(E231C4)

Have a look what the booklet for  
Hex(E231C4) contains.

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# Color

Hex(E231C4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E231C4
RGB	226, 49, 196
RGB Percent	89%, 19%, 77%
CMY	0.1137, 0.8078, 0.2314
CMYK	0.00, 0.78, 0.13, 0.11
HSL	310°, 75%, 54%
HSV	310°, 78%, 89%
XYZ	42.4261, 22.3509, 54.3026
YIQ	118.6810, 58.3050, 83.2410

# Conversions

## Conversions Part 2

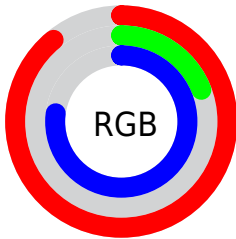
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	226, 49, 196
Decimal	14823876
CIE Lab	54.40, 78.68, -37.23
CIE LCh	54, 87.048, 334.679
Yxy	22.3509, 0.3563, 0.1877
Android (android.graphics.Color)	4293013956 (0xFFE231C4)
YUV	118.6810, 38.1183, 94.1188
Hunter-Lab	47.2767, 77.4516, -35.0075

# Details

The Hex color **E231C4** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **31E24F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF73FD**, and **A6008E** is the 20% darker color. If you saturate the color by 10%, you get **E21AC0**, and if you desaturate by 10%, it is **E248C8**.

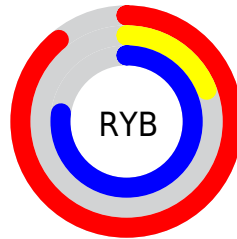
# Distribution



Red (89%)

Green (19%)

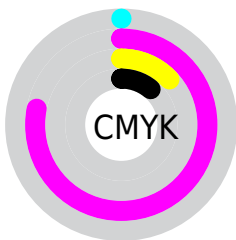
Blue (77%)



Red (89%)

Yellow (19%)

Blue (77%)

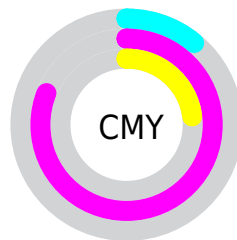


Cyan (0%)

Magenta (78%)

Yellow (13%)

Black (11%)



Cyan (11%)

Magenta (81%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E231C4 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 E231C4 by changing the saturation by 10% instead.



 E231C4

 E231C4

FFFFFF

 C400A8

 FF73FD

 A6008E

 FF91FF

 890074

 FFAFFF

 6C005B

 FFCDFD

 500043

 FFE8FF

 35002C

 110016

 000000

 E231C4

 E231C4

 E21AC0

 E248C8

 E204BC

 E25ECC

 E200BC

 E275CF

 E28BD3

 E2A2D7

 E2B9DB

 E2CFDF

 E2E6E3

 E2FCE6

# Harmonies

## Analogous

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



8A67FF



E231C4



FF007A

# Triad

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



E231C4



948300



00A1D7

# Complementary

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



E231C4



31E24F

# 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.



00A18C



E231C4



409500

# Square

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



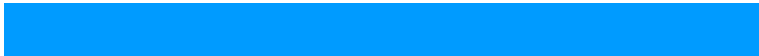
E231C4



CF6400



009D3C



009BFF

# Rectangle

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



E231C4



FE1A49



009D3C



00A1BF



# Sweetspot

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



E231C4



FFC4F5



4E31E2



805C79



000000



808080



# Same Dimension

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



E231C4



FF0FD6



E2316C



70656E



B00092



300028



# Inverse Universe

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



E231C4



FF0FD6



31E2A7



70656E



B00092



300028



# Previews

## White Background



This preview shows how the Hex color E231C4 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

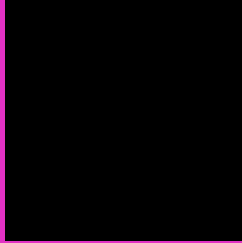
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E231C4 Background



This preview shows how black text looks on a background with the Hex color E231C4.




This preview shows how white text looks on a background with the Hex color E231C4.

# 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



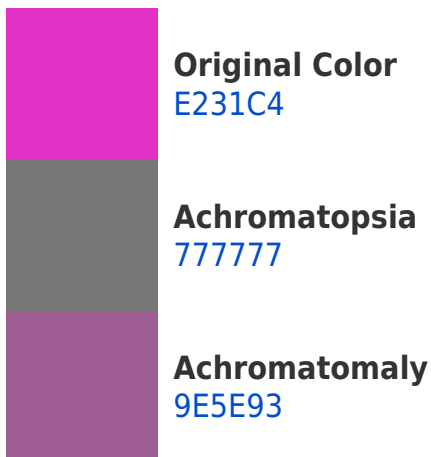


**Tritanopia**  
D8575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E231C4 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 #E231C4 looks like.

```
.text, #text, p{  
  color:#E231C4  
}
```

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 #E231C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E231C4
}
```

## Border

The CSS property to change the border of an element to Hex E231C4 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
#E231C4 }
```

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

```
.border{ border-color:#E231C4 }
```

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

Here you see how a box with a 4 pixel #E231C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E231C4; -webkit-box-shadow:4px 4px  
4px 4px #E231C4; box-shadow:4px 4px 4px  
4px #E231C4 }
```

# Background

The CSS property to change the background color of an element to Hex E231C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E231C4 }
```

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

```
.background{ background-color:#E231C4 }
```

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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