

# Converting Colors

Hex(E50AE1)

Have a look what the booklet for  
Hex(E50AE1) contains.

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# Color

Hex(E50AE1)

# Conversions

## Conversions Part 1

Format	Color
Hex	E50AE1
RGB	229, 10, 225
RGB Percent	90%, 4%, 88%
CMY	0.1020, 0.9608, 0.1176
CMYK	0.00, 0.96, 0.02, 0.10
HSL	301°, 92%, 47%
HSV	301°, 96%, 90%
XYZ	46.0122, 22.3113, 73.1156
YIQ	99.9910, 61.5090, 113.2930

# Conversions

## Conversions Part 2

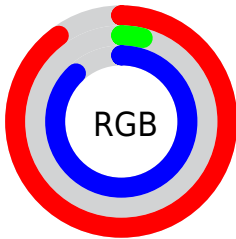
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 10, 225
Decimal	15010529
CIE Lab	54.36, 89.34, -53.83
CIE LCh	54, 104.307, 328.928
Yxy	22.3113, 0.3253, 0.1577
Android (android.graphics.Color)	4293200609 (0xFFE50AE1)
YUV	99.9910, 61.6294, 113.1409
Hunter-Lab	47.2349, 91.2186, -58.7114

# Details

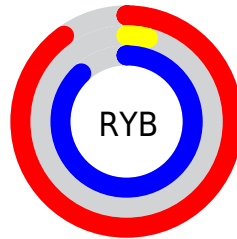
The Hex color **E50AE1** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **0AE50E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF65FF**, and **A800A9** is the 20% darker color. If you saturate the color by 10%, you get **E500E1**, and if you desaturate by 10%, it is **E521E1**.

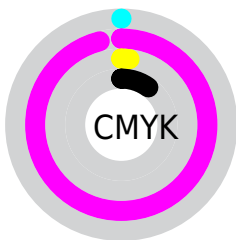
# Distribution



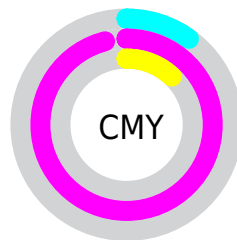
- Red (90%)
- Green (4%)
- Blue (88%)



- Red (90%)
- Yellow (4%)
- Blue (88%)



- Cyan (0%)
- Magenta (96%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (96%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E50AE1 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 E50AE1 by changing the saturation by 10% instead.



 E50AE1

 E50AE1

FFFFFF

 C700C5

 FF65FF

 A800A9

 FF85FF

 8B008E

 FFA3FF

 6D0074

 FFC2FF

 51005A

 FFE1FF

 340042

 13002A

 000114

 000000

 E50AE1

 E50AE1

 E500E1

 E521E1

 E538E2

 E54FE2

 E566E3

 E57DE3

 E593E4

 E5AAE4

 E5C1E4

 E5D8E5

# Harmonies

## Analogous

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



576BFF



E50AE1



FF008A

# Triad

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



E50AE1



A17E00



00A5D8

# Complementary

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



E50AE1



0AE50E

# 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.



00A47C



E50AE1



429500

# Square

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



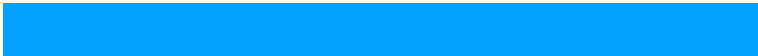
E50AE1



E45100



009F09



00A1FF

# Rectangle

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



E50AE1



FF004F



009F09



00A5BB



# Sweetspot

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



E50AE1



FFB5FE



0E0AE5



80537F



000000



808080



# Same Dimension

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



E50AE1



FF00FA



E50A74



736773



B300AF



330032



# Inverse Universe

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



E50AE1



FF00FA



0AE57B



736773



B300AF

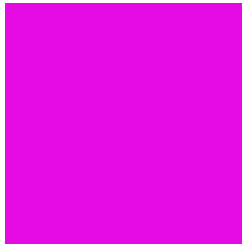


330032



# Previews

## White Background



This preview shows how the Hex color E50AE1 looks on a white background.

## Color Contrast Check

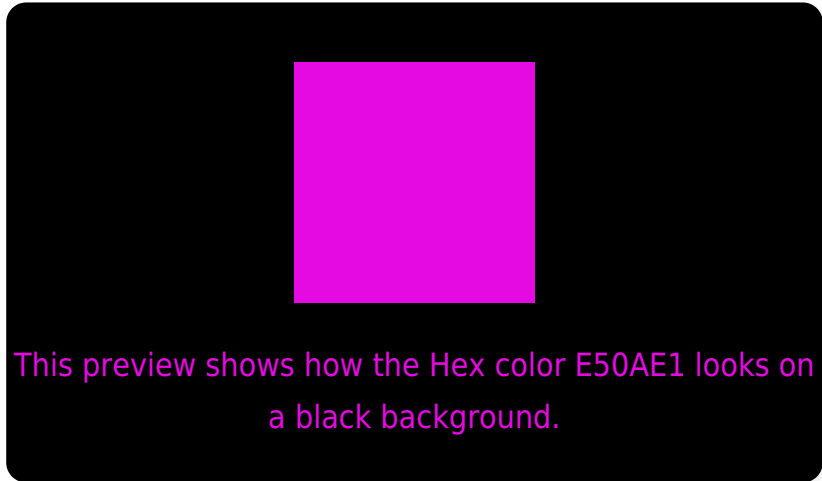
Large Text (above 18pt) WCAG AA ✓ Pass

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

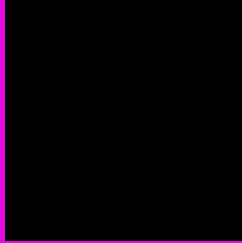
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E50AE1 Background



This preview shows how black text looks on a background with the Hex color E50AE1.

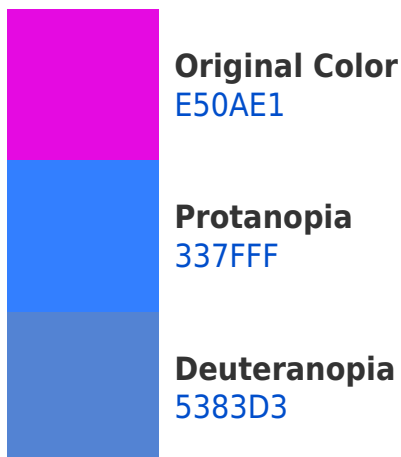


This preview shows how white text looks on a background with the Hex color E50AE1.

# 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





# Trichromacy



**Original Color**  
E50AE1



**Protanomaly**  
7454F4



**Deuteranomaly**  
8857D8



**Tritanomaly**  
DC3C8E

# Monochromacy



**Original Color**  
E50AE1



**Achromatopsia**  
646464



**Achromatomaly**  
934391

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E50AE1 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 #E50AE1 looks like.

```
.text, #text, p{  
    color:#E50AE1  
}
```

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 #E50AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E50AE1
}
```

## Border

The CSS property to change the border of an element to Hex E50AE1 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
#E50AE1 }
```

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

```
.border{ border-color:#E50AE1 }
```

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

Here you see how a box with a 4 pixel #E50AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E50AE1; -webkit-box-shadow:4px 4px  
4px 4px #E50AE1; box-shadow:4px 4px 4px  
4px #E50AE1 }
```

# Background

The CSS property to change the background color of an element to Hex E50AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E50AE1 }
```

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

```
.background{ background-color:#E50AE1 }
```

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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