

# Converting Colors

Hex(E238B6)

Have a look what the booklet for  
Hex(E238B6) contains.

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# **Color**

**Hex(E238B6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E238B6                     |
| RGB           | 226, 56, 182               |
| RGB Percent   | 89%, 22%, 71%              |
| CMY           | 0.1137, 0.7804, 0.2863     |
| CMYK          | 0.00, 0.75, 0.19, 0.11     |
| HSL           | 316°, 75%, 55%             |
| HSV           | 316°, 75%, 89%             |
| XYZ           | 41.2217, 22.3745, 46.4021  |
| YIQ           | 121.1940, 60.8740, 75.2260 |

# Conversions

## Conversions Part 2

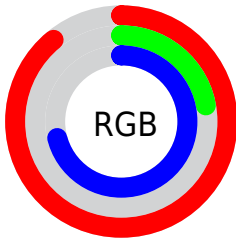
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 226, 56, 182                  |
| Decimal                             | 14825654                      |
| CIE Lab                             | 54.42, 74.93, -29.09          |
| CIE LCh                             | 54, 80.376, 338.782           |
| Yxy                                 | 22.3745, 0.3747,<br>0.2034    |
| Android<br>(android.graphics.Color) | 4293015734<br>(0xFFE238B6)    |
| YUV                                 | 121.1940, 29.9774,<br>91.9149 |
| Hunter-Lab                          | 47.3017, 72.7783,<br>-25.0512 |

# Details

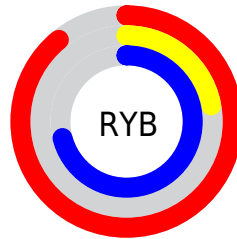
The Hex color **E238B6** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **38E264**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF77EE**, and **A60081** is the 20% darker color. If you saturate the color by 10%, you get **E221B0**, and if you desaturate by 10%, it is **E24FBC**.

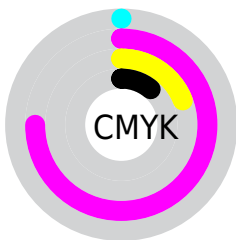
# Distribution



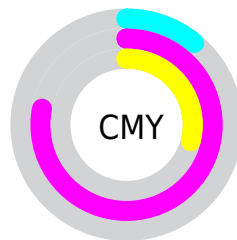
- Red (89%)
- Green (22%)
- Blue (71%)



- Red (89%)
- Yellow (22%)
- Blue (71%)



- Cyan (0%)
- Magenta (75%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (78%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E238B6 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 E238B6 by changing the saturation by 10% instead.



 E238B6

 E238B6

FFFFFF

 C4029B

 FF77EE

 A60081

 FF95FF

 890067

 FFB2FF

 6C004F

 FFD0FF

 500038

 FFE0FF

 350022

 100006

 000000

 E238B6

 E238B6

 E221B0

 E24FBC

 E20BAA

 E265C2

 E200A8

 E27CC8

 E292CD

 E2A9D3

 E2C0D9

 E2D6DF

 E2EDE5

 E2FFEB

# Harmonies

## Analogous

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



9A64F0



E238B6



FA1E71

# Triad

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



E238B6



8B8600



009FD8

# Complementary

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



E238B6



38E264

# 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.



00A096



E238B6



3A9500

# Square

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



E238B6



C56C00



009D4C



0097FF

# Rectangle

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



E238B6



F43644



009D4C



00A0C4



# Sweetspot

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



E238B6



FFC4F0



6338E2



805C76



000000



808080



# Same Dimension

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



E238B6



FF19C4



E23863



70656D



B00082



300024



# Inverse Universe

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



E238B6



FF19C4



38E2B8



70656D



B00082



300024



# Previews

## White Background



This preview shows how the Hex color E238B6 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 E238B6 Background



This preview shows how black text looks on a background with the Hex color E238B6.



This preview shows how white text looks on a background with the Hex color E238B6.

# 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**  
E238B6



**Protanomaly**  
8165DA



**Deuteranomaly**  
9F66B0



**Tritanomaly**  
DD4B7C

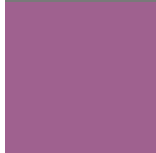
# Monochromacy



**Original Color**  
E238B6



**Achromatopsia**  
797979



**Achromatomaly**  
9F618F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E238B6 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 #E238B6 looks like.

```
.text, #text, p{  
    color:#E238B6  
}
```

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 #E238B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E238B6
}
```

## Border

The CSS property to change the border of an element to Hex E238B6 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
#E238B6 }
```

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

```
.border{ border-color:#E238B6 }
```

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

Here you see how a box with a 4 pixel #E238B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E238B6; -webkit-box-shadow:4px 4px  
4px 4px #E238B6; box-shadow:4px 4px 4px  
4px #E238B6 }
```

# Background

The CSS property to change the background color of an element to Hex E238B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E238B6 }
```

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

```
.background{ background-color:#E238B6 }
```

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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