

# Converting Colors

Hex(E2308A)

Have a look what the booklet for  
Hex(E2308A) contains.

<b>Hex(E2308A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(E2308A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2308A
RGB	226, 48, 138
RGB Percent	89%, 19%, 54%
CMY	0.1137, 0.8118, 0.4588
CMYK	0.00, 0.79, 0.39, 0.11
HSL	330°, 75%, 54%
HSV	330°, 79%, 89%
XYZ	37.0084, 20.1176, 25.9773
YIQ	111.4820, 77.1980, 65.7260

# Conversions

## Conversions Part 2

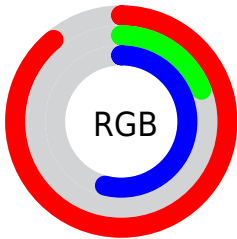
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 48, 138
Decimal	14823562
CIE <sub>Lab</sub>	51.97, 72.14, -6.85
CIE <sub>LCh</sub>	52, 72.461, 354.572
Yxy	20.1176, 0.4453, 0.2421
Android (android.graphics.Color)	4293013642 (0xFFE2308A)
YUV	111.4820, 13.0734, 100.4323
Hunter-Lab	44.8527, 68.7901, -2.9421

# Details

The Hex color **E2308A** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **30E288**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF70BF**, and **A50058** is the 20% darker color. If you saturate the color by 10%, you get **E2197F**, and if you desaturate by 10%, it is **E24795**.

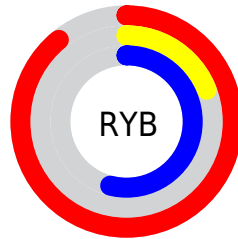
# Distribution



Red (89%)

Green (19%)

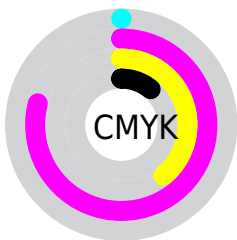
Blue (54%)



Red (89%)

Yellow (19%)

Blue (54%)

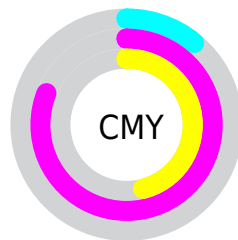


Cyan (0%)

Magenta (79%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (81%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2308A 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 E2308A by changing the saturation by 10% instead.



 E2308A

 E2308A

FFFFFF

 C30071

 FF70BF

 A50058

 FF8EDB

 870041

 FFABF8

 6A002B

 FFC9FF

 4E0017

 FFE7FF

 300002

 000000

 E2308A

 E2308A

 E2197F

 E24795

 E20374

 E25DA0

 E20072

 E274AC

 E28AB7

 E2A1C2

 E2B8CD

 E2CED8

 E2E5E3

 E2FBEF

# Harmonies

## Analogous

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



BA4FC5



E2308A



E5394D

# Triad

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



E2308A



658800



0093E1

# Complementary

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



E2308A



30E288

# 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.



0097AE



E2308A



00922C

# Square

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



E2308A



9F7500



00966E



0087F9

# Rectangle

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



E2308A



D74F25



00966E



0095D2



# Sweetspot

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



E2308A



FFC2E1



8630E2



805B6D



000000



808080



# Same Dimension

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



E2308A



FF0D87



E23033



70656B



B00059



300018



# Inverse Universe

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



E2308A



FF0D87



30E2DF



70656B



B00059



300018



# Previews

## White Background



This preview shows how the Hex color E2308A 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 E2308A Background



This preview shows how black text looks on a background with the Hex color E2308A.



This preview shows how white text looks on a background with the Hex color E2308A.

# 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**  
E2308A



**Protanomaly**  
9460A9



**Deuteranomaly**  
A75E84

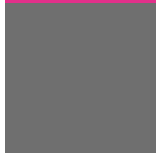


**Tritanomaly**  
DF3D60

# Monochromacy



**Original Color**  
E2308A



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
995879

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2308A 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 #E2308A looks like.

```
.text, #text, p{  
    color:#E2308A  
}
```

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 #E2308A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2308A
}
```

## Border

The CSS property to change the border of an element to Hex E2308A 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
#E2308A }
```

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

```
.border{ border-color:#E2308A }
```

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

Here you see how a box with a 4 pixel #E2308A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2308A; -webkit-box-shadow:4px 4px  
4px 4px #E2308A; box-shadow:4px 4px 4px  
4px #E2308A }
```

# Background

The CSS property to change the background color of an element to Hex E2308A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2308A }
```

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

```
.background{ background-color:#E2308A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor