

# Converting Colors

Hex(EB6DA8)

Have a look what the booklet for  
Hex(EB6DA8) contains.

<b>Hex(EB6DA8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(EB6DA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB6DA8
RGB	235, 109, 168
RGB Percent	92%, 43%, 66%
CMY	0.0784, 0.5725, 0.3412
CMYK	0.00, 0.54, 0.29, 0.08
HSL	332°, 76%, 67%
HSV	332°, 54%, 92%
XYZ	46.7975, 31.4266, 40.6452
YIQ	153.4000, 56.1570, 45.0610

# Conversions

## Conversions Part 2

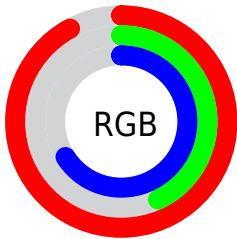
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 109, 168
Decimal	15429032
CIE Lab	62.87, 54.88, -8.03
CIE LCh	63, 55.463, 351.676
Yxy	31.4266, 0.3937, 0.2644
Android (android.graphics.Color)	4293619112 (0xFFEB6DA8)
YUV	153.4000, 7.1978, 71.5632
Hunter-Lab	56.0594, 50.9048, -3.7459

# Details

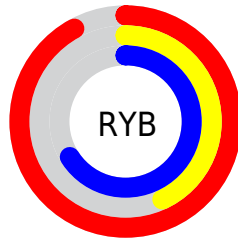
The Hex color **EB6DA8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6DEBB0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA4DF**, and **B03574** is the 20% darker color. If you saturate the color by 10%, you get **EB569C**, and if you desaturate by 10%, it is **EB84B4**.

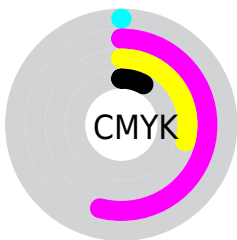
# Distribution



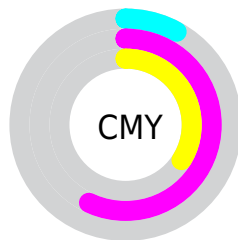
- Red (92%)
- Green (43%)
- Blue (66%)



- Red (92%)
- Yellow (43%)
- Blue (66%)



- Cyan (0%)
- Magenta (54%)
- Yellow (29%)
- Black (8%)



- Cyan (8%)
- Magenta (57%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB6DA8 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 EB6DA8 by changing the saturation by 10% instead.



 EB6DA8

 EB6DA8

FFFFFF

 CD528E

 FFA4DF

 B03574

 FFC1FC

 93145B

 FFDEFF

 770044

 FFFBFF

 5B002E

 410019

 260001

 000000

 EB6DA8

 EB6DA8

 EB569C

 EB84B4

 EB3E8F

 EB9CC1

 EB2683

 EBB4CD

 EB0F76

 EBCBDA

 EB006E

 EBE3E6

 EBFAF3

 EBFFFF

# Harmonies

## Analogous

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



C77CD6



EB6DA8



F26E77

# Triad

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



EB6DA8



90A036



00ACE5

# Complementary

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



EB6DA8



6DEBB0

# 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.



00B0BB



EB6DA8



54AA58

# Square

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



EB6DA8



BF9131



00AF88



00A2F9

# Rectangle

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



EB6DA8



E97859



00AF88



00AED8



# Sweetspot

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



EB6DA8



FFD6E9



AE6DEB



806773



000000



808080



# Same Dimension

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



EB6DA8



FF5CA8



EB6F6D



756A6F



B50055



360019



# Inverse Universe

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



EB6DA8



FF5CA8



6DE9EB



756A6F



B50055



360019



# Previews

## White Background



This preview shows how the Hex color EB6DA8 looks on a white background.

## Color Contrast Check

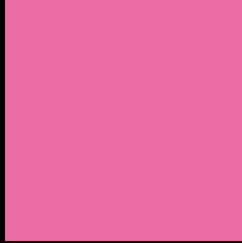
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color EB6DA8 looks on a 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 ✓ Pass

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



## Hex EB6DA8 Background



This preview shows how black text looks on a background with the Hex color EB6DA8.

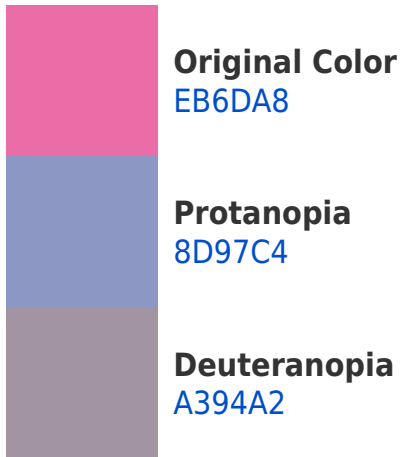


This preview shows how white text looks on a background with the Hex color EB6DA8.

# 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**  
E7767E

# Trichromacy



**Original Color**  
EB6DA8



**Protanomaly**  
AF88BA



**Deuteranomaly**  
BD86A4

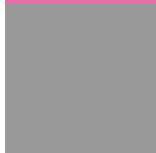


**Tritanomaly**  
E8738D

# Monochromacy



**Original Color**  
EB6DA8



**Achromatopsia**  
999999



**Achromatomaly**  
B7899E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB6DA8 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 #EB6DA8 looks like.

```
.text, #text, p{  
    color:#EB6DA8  
}
```

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 #EB6DA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB6DA8
}
```

## Border

The CSS property to change the border of an element to Hex EB6DA8 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
#EB6DA8 }
```

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

```
.border{ border-color:#EB6DA8 }
```

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

Here you see how a box with a 4 pixel #EB6DA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB6DA8; -webkit-box-shadow:4px 4px  
4px 4px #EB6DA8; box-shadow:4px 4px 4px  
4px #EB6DA8 }
```

# Background

The CSS property to change the background color of an element to Hex EB6DA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB6DA8 }
```

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

```
.background{ background-color:#EB6DA8 }
```

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