

# Converting Colors

Hex(EB4AC6)

Have a look what the booklet for  
Hex(EB4AC6) contains.

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# Color

Hex(EB4AC6)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB4AC6
RGB	235, 74, 198
RGB Percent	92%, 29%, 78%
CMY	0.0784, 0.7098, 0.2235
CMYK	0.00, 0.69, 0.16, 0.08
HSL	314°, 80%, 61%
HSV	314°, 69%, 92%
XYZ	46.9028, 26.6369, 56.0955
YIQ	136.2750, 56.1520, 72.6960

# Conversions

## Conversions Part 2

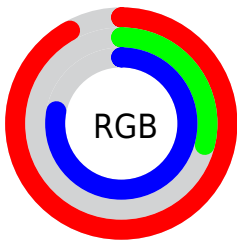
Format	Color
<a href="#">RYB</a>	<a href="#">235, 74, 198</a>
Decimal	<a href="#">15420102</a>
CIELab	<a href="#">58.64, 73.40, -31.65</a>
CIELCh	<a href="#">59, 79.936, 336.677</a>
Yxy	<a href="#">26.6369, 0.3618, 0.2055</a>
Android (android.graphics.Color)	<a href="#">4293610182</a> ( <a href="#">0xFFEB4AC6</a> )
YUV	<a href="#">136.2750, 30.4304, 86.5818</a>
Hunter-Lab	<a href="#">51.6110, 71.8971, -28.3140</a>

# Details

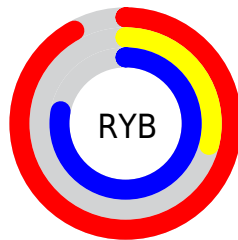
The Hex color **EB4AC6** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **4AEB6F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF86FF**, and **AF0090** is the 20% darker color. If you saturate the color by 10%, you get **EB33C1**, and if you desaturate by 10%, it is **EB62CB**.

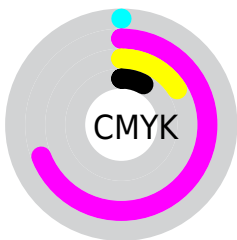
# Distribution



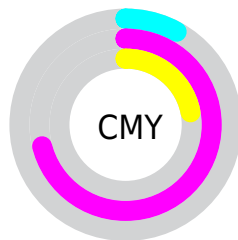
- Red (92%)
- Green (29%)
- Blue (78%)



- Red (92%)
- Yellow (29%)
- Blue (78%)



- Cyan (0%)
- Magenta (69%)
- Yellow (16%)
- Black (8%)



- Cyan (8%)
- Magenta (71%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB4AC6 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 EB4AC6 by changing the saturation by 10% instead.



 EB4AC6

 EB4AC6

FFFFFF

 CD26AB

 FF86FF

 AF0090

 FFA3FF

 920076

 FFC1FF

 75005D

 FFDEFF

 590045

 FFFDFD

 3F002E

 210018

 000000

 EB4AC6

 EB4AC6

 EB33C1

 EB62CB

 EB1BBB

 EB79D1

 EB04B6

 EB91D6

 EB00B5

 EBA8DC

 EBC0E1

 EBD7E6

 EBEEEE

 EBFFF1

 EBFFF7

# Harmonies

## Analogous

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



9F72FF



EB4AC6



FF3481

# Triad

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



EB4AC6



9C8F00



00ABE0

# Complementary

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



EB4AC6



4AEB6F

# 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.



00AB9B



EB4AC6



4FA000

# Square

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



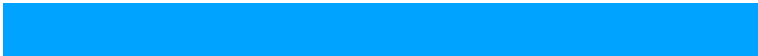
EB4AC6



D57400



00A852



00A3FF

# Rectangle

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



EB4AC6



FF4353



00A852



00ABCA



# Sweetspot

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



EB4AC6



FFC9F3



6D4AEB



806078



000000



808080



# Same Dimension

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



EB4AC6



FF2ECF



EB4A78



756A73



B5008B



360029



# Inverse Universe

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



EB4AC6



FF2ECF



4AE8BD



756A73



B5008B



360029



# Previews

## White Background



This preview shows how the Hex color EB4AC6 looks on a white background.

## Color Contrast Check

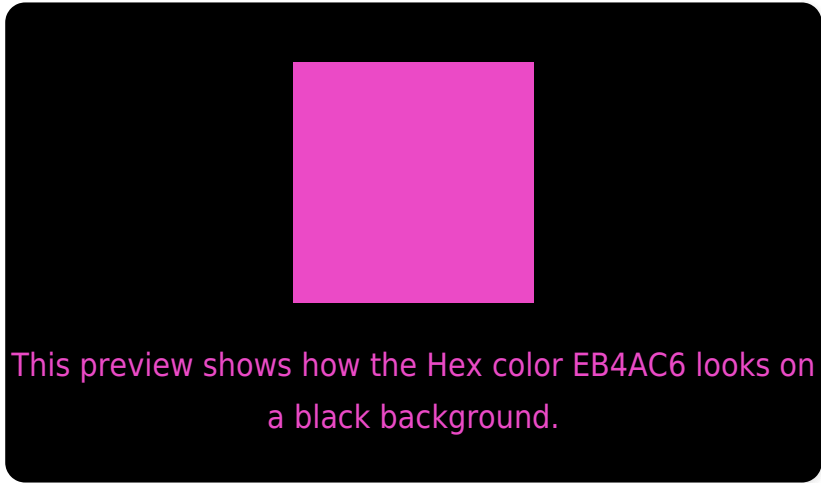
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB4AC6 Background



This preview shows how black text looks on a background with the Hex color EB4AC6.

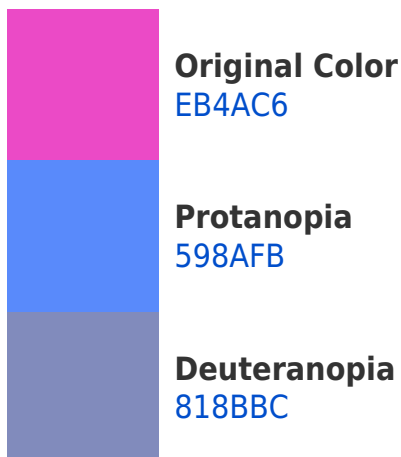



This preview shows how white text looks on a background with the Hex color EB4AC6.

# 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**  
E2656B

# Trichromacy



**Original Color**  
EB4AC6



**Protanomaly**  
8E73E8



**Deuteranomaly**  
A873C0



**Tritanomaly**  
E55B8C

# Monochromacy



**Original Color**  
EB4AC6



**Achromatopsia**  
888888



**Achromatomaly**  
AC719F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB4AC6 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 #EB4AC6 looks like.

```
.text, #text, p{  
    color:#EB4AC6  
}
```

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 #EB4AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4AC6
}
```

## Border

The CSS property to change the border of an element to Hex EB4AC6 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
#EB4AC6 }
```

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

```
.border{ border-color:#EB4AC6 }
```

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

Here you see how a box with a 4 pixel #EB4AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4AC6; -webkit-box-shadow:4px 4px  
4px 4px #EB4AC6; box-shadow:4px 4px 4px  
4px #EB4AC6 }
```

# Background

The CSS property to change the background color of an element to Hex EB4AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4AC6 }
```

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

```
.background{ background-color:#EB4AC6 }
```

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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