

# Converting Colors

Hex(EB5488)

Have a look what the booklet for  
Hex(EB5488) contains.

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# **Color**

**Hex(EB5488)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB5488
RGB	235, 84, 136
RGB Percent	92%, 33%, 53%
CMY	0.0784, 0.6706, 0.4667
CMYK	0.00, 0.64, 0.42, 0.08
HSL	339°, 79%, 63%
HSV	339°, 64%, 92%
XYZ	41.8752, 25.7804, 26.0616
YIQ	135.0770, 73.3040, 48.1840

# Conversions

## Conversions Part 2

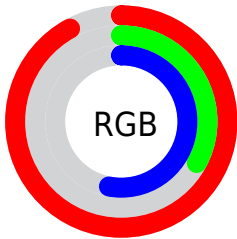
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 84, 136
Decimal	15422600
CIE <sub>Lab</sub>	57.83, 62.24, 3.11
CIE <sub>LCh</sub>	58, 62.314, 2.863
Yxy	25.7804, 0.4468, 0.2751
Android (android.graphics.Color)	4293612680 (0xFFEB5488)
YUV	135.0770, 0.4550, 87.6325
Hunter-Lab	50.7744, 58.3593, 5.1096

# Details

The Hex color **EB5488** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **54EBB7**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF8DBD**, and **AE0C57** is the 20% darker color. If you saturate the color by 10%, you get **EB3C79**, and if you desaturate by 10%, it is **EB6C97**.

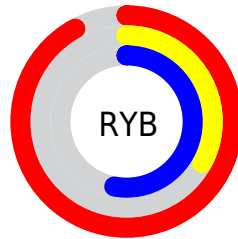
# Distribution



Red (92%)

Green (33%)

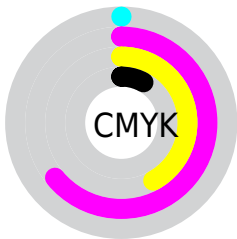
Blue (53%)



Red (92%)

Yellow (33%)

Blue (53%)

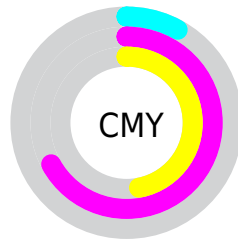


Cyan (0%)

Magenta (64%)

Yellow (42%)

Black (8%)



Cyan (8%)

Magenta (67%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB5488 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 EB5488 by changing the saturation by 10% instead.



 EB5488

 EB5488

FFFFFF

 CC366F

 FF8DBD

 AE0C57

 FFAAD9

 91003F

 FFC7F5

 73002A

 FFE4FF

 560016

 3C0003

 150000

 000000

 EB5488

 EB5488

 EB3C79

 EB6C97

 EB2569

 EB83A7

 EB0E5A

 EB9BB6

 EB0051

 EBB2C6

 EBCAD5

 EBE1E4

 EBF9F4

 EBFFFF

# Harmonies

## Analogous

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



D061BE



EB5488



E75F53

# Triad

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



EB5488



699924



009DEC

# Complementary

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



EB5488



54EBB7

# 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.



00A3C5



EB5488



00A156

# Square

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



EB5488



A18A01



00A48F



0090F8

# Rectangle

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



EB5488



D76D34



00A48F



00A0E1



# Sweetspot

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



EB5488



FFCFDF



B654EB



80626C



000000



808080



# Same Dimension

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



EB5488



FF3B7E



EB6B54



756A6E



B5003E



360012



# Inverse Universe

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



EB5488



FF3B7E



54D4EB



756A6E



B5003E



360012



# Previews

## White Background



This preview shows how the Hex color EB5488 looks on a white background.

## Color Contrast Check

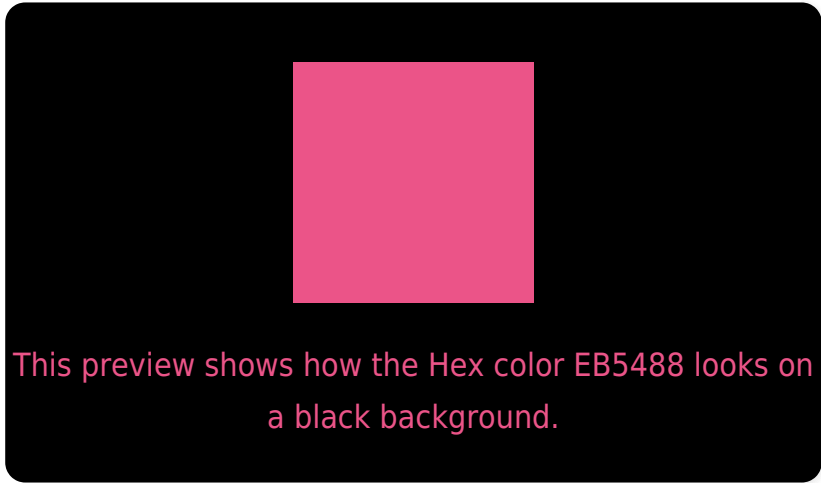
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5488 Background



This preview shows how black text looks on a background with the Hex color EB5488.

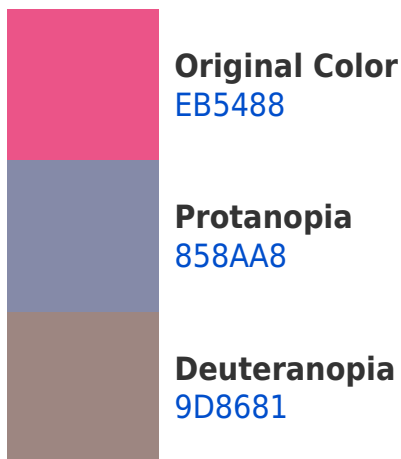


This preview shows how white text looks on a background with the Hex color EB5488.

# 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**  
E85C62

# Trichromacy



**Original Color**  
EB5488



**Protanomaly**  
AA769C



**Deuteranomaly**  
B97484



**Tritanomaly**  
E95970

# Monochromacy



**Original Color**  
EB5488



**Achromatopsia**  
878787



**Achromatomaly**  
AB7487

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB5488 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 #EB5488 looks like.

```
.text, #text, p{  
  color:#EB5488  
}
```

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 #EB5488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5488
}
```

## Border

The CSS property to change the border of an element to Hex EB5488 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
#EB5488 }
```

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

```
.border{ border-color:#EB5488 }
```

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

Here you see how a box with a 4 pixel #EB5488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5488; -webkit-box-shadow:4px 4px  
4px 4px #EB5488; box-shadow:4px 4px 4px  
4px #EB5488 }
```

# Background

The CSS property to change the background color of an element to Hex EB5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5488 }
```

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

```
.background{ background-color:#EB5488 }
```

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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