

Converting Colors

Hex(EB5791)

Have a look what the booklet for
Hex(EB5791) contains.

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Color

Hex(EB5791)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB5791 |
| RGB | 235, 87, 145 |
| RGB Percent | 92%, 34%, 57% |
| CMY | 0.0784, 0.6588, 0.4314 |
| CMYK | 0.00, 0.63, 0.38, 0.08 |
| HSL | 336°, 79%, 63% |
| HSV | 336°, 63%, 92% |
| XYZ | 42.7800, 26.5229, 29.6527 |
| YIQ | 137.8640, 69.5900, 49.4140 |

Conversions

Conversions Part 2

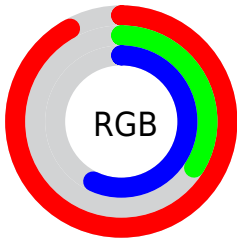
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 235, 87, 145 |
| Decimal | 15423377 |
| CIE Lab | 58.53, 61.93, -1.14 |
| CIE LCh | 59, 61.941, 358.948 |
| Yxy | 26.5229, 0.4323, 0.2680 |
| Android (android.graphics.Color) | 4293613457 (0xFFEB5791) |
| YUV | 137.8640, 3.5180, 85.1883 |
| Hunter-Lab | 51.5004, 58.1495, 1.9124 |

Details

The Hex color **EB5791** 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 **57EBB1**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF90C7**, and **AF145F** is the 20% darker color. If you saturate the color by 10%, you get **EB3F83**, and if you desaturate by 10%, it is **EB6E9F**.

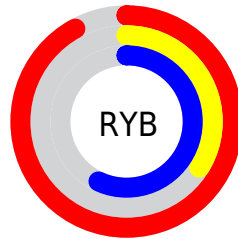
Distribution



Red (92%)

Green (34%)

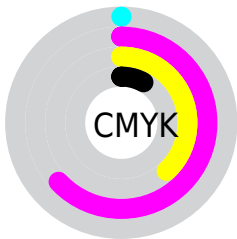
Blue (57%)



Red (92%)

Yellow (34%)

Blue (57%)

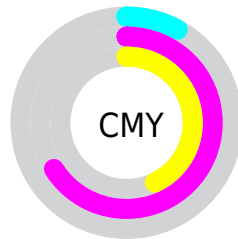


Cyan (0%)

Magenta (63%)

Yellow (38%)

Black (8%)



Cyan (8%)

Magenta (66%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB5791 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 EB5791 by changing the saturation by 10% instead.

 EB5791

 EB5791

FFFFFF

 CD3977

 FF90C7

 AF145F

 FFACE3

 910047

 FFC9FF

 740031

 FFE7FF

 57001C

 3E0003

 190001

 000000

 EB5791

 EB5791

 EB3F83

 EB6E9F

 EB2874

 EB86AE

 EB1166

 EB9EBC

 EB005C

 EBB5CA

 EBCCD8

 EBE4E7

 EBFBF5

 EBFFFF

Harmonies

Analogous

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



CC67C6



EB5791



EB5E5C

Triad

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



EB5791



749921



00A0E9

Complementary

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



EB5791



57EBB1

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.



00A6C0



EB5791



13A252

Square

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



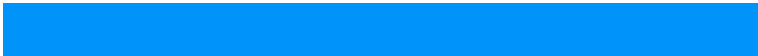
EB5791



A98A08



00A689



0094FA

Rectangle

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



EB5791



DD6C3C



00A689



00A3DE

Sweetspot

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



EB5791



FFCFE2



B057EB



80626E



000000



808080

Same Dimension

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



EB5791



FF3D89



EB6657



756A6E



B50047



360015

Inverse Universe

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



EB5791



FF3D89



57DCEB



756A6E



B50047



360015

Previews

White Background



This preview shows how the Hex color EB5791 looks on a white background.

Color Contrast Check

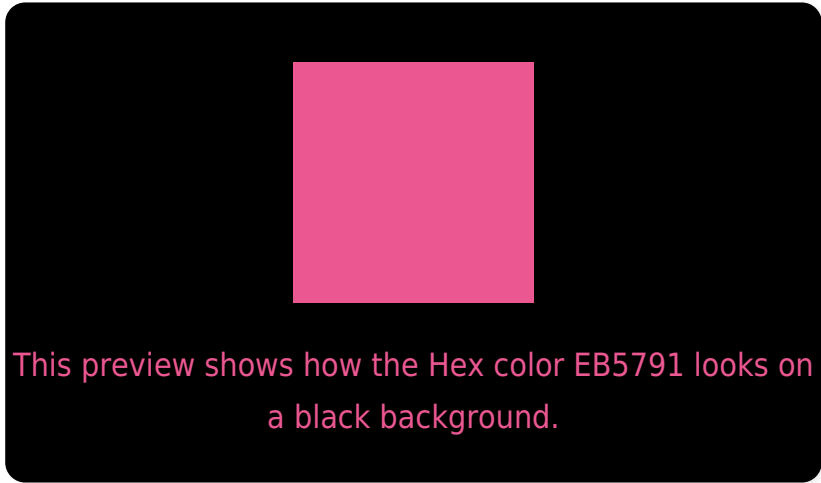
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5791 Background



This preview shows how black text looks on a background with the Hex color EB5791.



This preview shows how white text looks on a background with the Hex color EB5791.

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
E86066

Trichromacy



Original Color
EB5791



Protanomaly
A979A6



Deuteranomaly
B9778D



Tritanomaly
E95D76

Monochromacy



Original Color
EB5791



Achromatopsia
8A8A8A



Achromatomaly
AD778D

CSS Examples

Text

The CSS property to change the color of the text to Hex EB5791 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 #EB5791 looks like.

```
.text, #text, p{  
    color:#EB5791  
}
```

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 #EB5791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5791
}
```

Border

The CSS property to change the border of an element to Hex EB5791 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
#EB5791 }
```

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

```
.border{ border-color:#EB5791 }
```

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

Here you see how a box with a 4 pixel #EB5791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5791; -webkit-box-shadow:4px 4px  
4px 4px #EB5791; box-shadow:4px 4px 4px  
4px #EB5791 }
```

Background

The CSS property to change the background color of an element to Hex EB5791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5791 }
```

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

```
.background{ background-color:#EB5791 }
```

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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