

Converting Colors

Hex(EA75B1)

Have a look what the booklet for
Hex(EA75B1) contains.

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Color

Hex(EA75B1)

Conversions

Conversions Part 1

Format	Color
Hex	EA75B1
RGB	234, 117, 177
RGB Percent	92%, 46%, 69%
CMY	0.0824, 0.5412, 0.3059
CMYK	0.00, 0.50, 0.24, 0.08
HSL	329°, 74%, 69%
HSV	329°, 50%, 92%
XYZ	48.2288, 33.3893, 45.4978
YIQ	158.8230, 50.4720, 43.4640

Conversions

Conversions Part 2

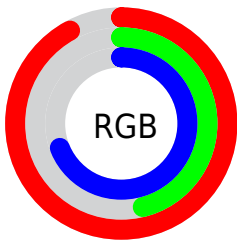
Format	Color
RYB	234, 117, 177
Decimal	15365553
CIELab	64.47, 51.93, -10.77
CIELCh	64, 53.035, 348.280
Yxy	33.3893, 0.3794, 0.2627
Android (android.graphics.Color)	4293555633 (0xFFEA75B1)
YUV	158.8230, 8.9613, 65.9302
Hunter-Lab	57.7835, 47.8632, -6.2356

Details

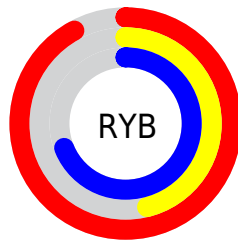
The Hex color **EA75B1** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75EAAE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFACE9**, and **B03F7C** is the 20% darker color. If you saturate the color by 10%, you get **EA5EA6**, and if you desaturate by 10%, it is **EA8CBC**.

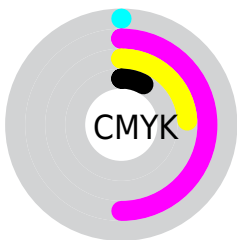
Distribution



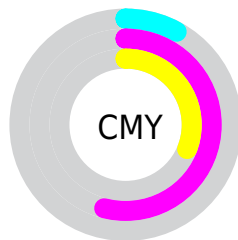
- Red (92%)
- Green (46%)
- Blue (69%)



- Red (92%)
- Yellow (46%)
- Blue (69%)



- Cyan (0%)
- Magenta (50%)
- Yellow (24%)
- Black (8%)



- Cyan (8%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA75B1 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 EA75B1 by changing the saturation by 10% instead.

 EA75B1

 EA75B1

FFFFFF

 CC5A96

 FFACE9

 B03F7C

 FFC9FF

 932263

 FFE5FF

 77004C

 5C0035

 410020

 290004

 000000

 EA75B1

 EA75B1

EA5EA6

EA8CBC

EA469A

EAA4C8

EA2F8F

EABBD3

EA1783

EAD3DF

EA0078

EAEAEA

EAFFF5

EAFFFF

Harmonies

Analogous

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



C484DC



EA75B1



F47481

Triad

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



EA75B1



9BA33D



00B0E2

Complementary

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



EA75B1



75EAAE

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.



00B4B9



EA75B1



64AD5B

Square

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



EA75B1



C7933C



00B388



00A7F9

Rectangle

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



EA75B1



EE7C64



00B388



00B2D6

Sweetspot

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



EA75B1



FFD9EC



AE75EA



806974



000000



808080

Same Dimension

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



EA75B1



FF66B4



EA7577



756A70



B5005D



36001B

Inverse Universe

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



EA75B1



FF66B4



75EAE8



756A70



B5005D



36001B

Previews

White Background



This preview shows how the Hex color EA75B1 looks on a white background.

Color Contrast Check

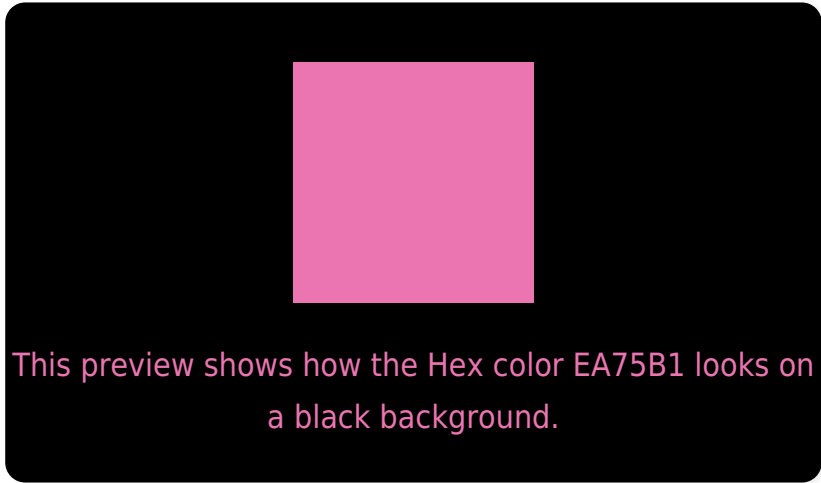
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 EA75B1 Background



This preview shows how black text looks on a background with the Hex color EA75B1.

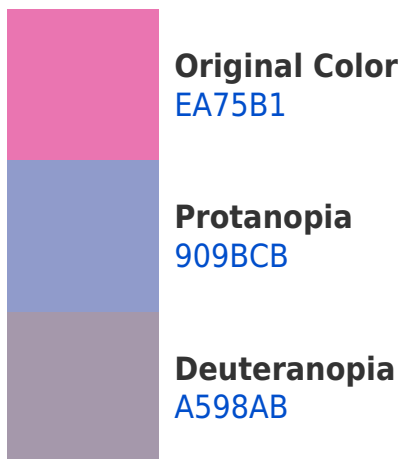


This preview shows how white text looks on a background with the Hex color EA75B1.

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
E67E87

Trichromacy



Original Color
EA75B1



Protanomaly
B18DC2



Deuteranomaly
BE8BAD

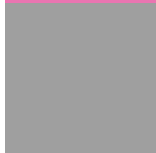


Tritanomaly
E77B96

Monochromacy



Original Color
EA75B1



Achromatopsia
9F9F9F



Achromatomaly
BA90A6

CSS Examples

Text

The CSS property to change the color of the text to Hex EA75B1 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 #EA75B1 looks like.

```
.text, #text, p{  
    color:#EA75B1  
}
```

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 #EA75B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA75B1
}
```

Border

The CSS property to change the border of an element to Hex EA75B1 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
#EA75B1 }
```

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

```
.border{ border-color:#EA75B1 }
```

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

Here you see how a box with a 4 pixel #EA75B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA75B1; -webkit-box-shadow:4px 4px  
4px 4px #EA75B1; box-shadow:4px 4px 4px  
4px #EA75B1 }
```

Background

The CSS property to change the background color of an element to Hex EA75B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA75B1 }
```

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

```
.background{ background-color:#EA75B1 }
```

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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