

Converting Colors

Hex(E76AB5)

Have a look what the booklet for
Hex(E76AB5) contains.

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Color

Hex(E76AB5)

Conversions

Conversions Part 1

Format	Color
Hex	E76AB5
RGB	231, 106, 181
RGB Percent	91%, 42%, 71%
CMY	0.0941, 0.5843, 0.2902
CMYK	0.00, 0.54, 0.22, 0.09
HSL	324°, 72%, 66%
HSV	324°, 54%, 91%
XYZ	46.4495, 30.6332, 47.1807
YIQ	151.9250, 50.4250, 49.8250

Conversions

Conversions Part 2

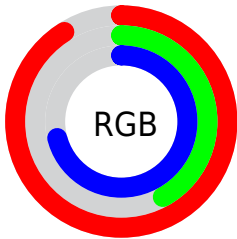
Format	Color
R _{YB}	231, 106, 181
Decimal	15166133
CIE Lab	62.20, 56.78, -16.52
CIE LCh	62, 59.138, 343.777
Yxy	30.6332, 0.3738, 0.2465
Android (android.graphics.Color)	4293356213 (0xFFE76AB5)
YUV	151.9250, 14.3340, 69.3488
Hunter-Lab	55.3473, 52.9463, -11.7986

Details

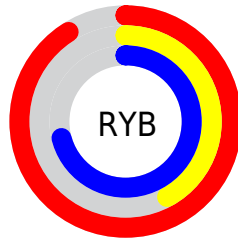
The Hex color **E76AB5** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6AE79C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA2ED**, and **AC3280** is the 20% darker color. If you saturate the color by 10%, you get **E753AC**, and if you desaturate by 10%, it is **E781BE**.

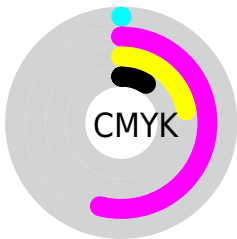
Distribution



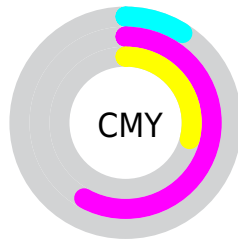
- Red (91%)
- Green (42%)
- Blue (71%)



- Red (91%)
- Yellow (42%)
- Blue (71%)



- Cyan (0%)
- Magenta (54%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color E76AB5 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 E76AB5 by changing the saturation by 10% instead.

 E76AB5

 E76AB5

FFFFFF

 C94E9A

 FFA2ED

 AC3280

 FFBEFF

 900C67

 FFDBFF

 74004F

 FFF8FF

 590038

 3F0022

 240009

 000000

 E76AB5

 E76AB5

 E753AC

 E781BE

 E73CA3

 E798C7

 E72599

 E7AFD1

 E70E90

 E7C6DA

 E7008B

 E7DEE3

 E7F5EC

 E7FFF6

 E7FFFF

Harmonies

Analogous

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



B87EE3



E76AB5



F66680

Triad

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



E76AB5



9B9B25



00ADDE

Complementary

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



E76AB5



6AE79C

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.



00B0AE



E76AB5



60A746

Square

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



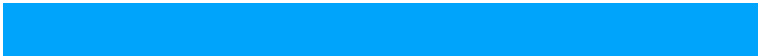
E76AB5



C9892B



00AE77



00A4FB

Rectangle

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



E76AB5



F16E5F



00AE77



00AECF

Sweetspot

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



E76AB5



FFD6EF



9C6AE7



806776



000000



808080

Same Dimension

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



E76AB5



FF59BD



E76A77



73676E



B3006B



33001F

Inverse Universe

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



E76AB5



FF59BD



6AE7DB



73676E



B3006B



33001F

Previews

White Background



This preview shows how the Hex color E76AB5 looks on a white background.

Color Contrast Check

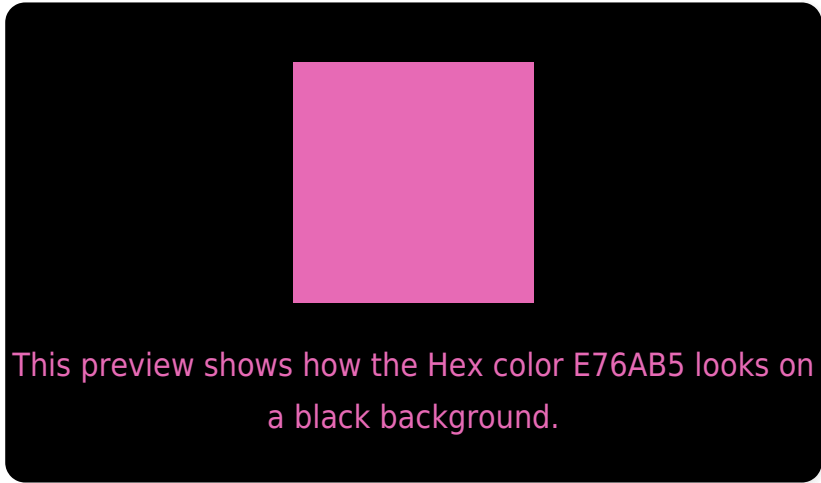
Large Text (above 18pt) WCAG AA × Fail

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 E76AB5 Background



This preview shows how black text looks on a background with the Hex color E76AB5.

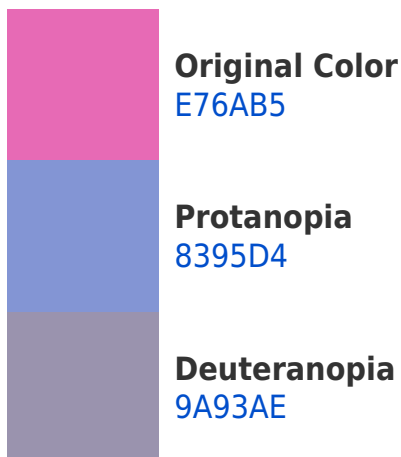


This preview shows how white text looks on a background with the Hex color E76AB5.

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
E2767E

Trichromacy



Original Color
E76AB5



Protanomaly
A785C9



Deuteranomaly
B684B1

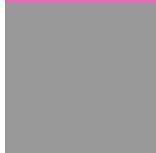


Tritanomaly
E47292

Monochromacy



Original Color
E76AB5



Achromatopsia
989898



Achromatomaly
B587A3

CSS Examples

Text

The CSS property to change the color of the text to Hex E76AB5 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 #E76AB5 looks like.

```
.text, #text, p{  
    color:#E76AB5  
}
```

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 #E76AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E76AB5
}
```

Border

The CSS property to change the border of an element to Hex E76AB5 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
#E76AB5 }
```

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

```
.border{ border-color:#E76AB5 }
```

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

Here you see how a box with a 4 pixel #E76AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E76AB5; -webkit-box-shadow:4px 4px  
4px 4px #E76AB5; box-shadow:4px 4px 4px  
4px #E76AB5 }
```

Background

The CSS property to change the background color of an element to Hex E76AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E76AB5 }
```

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

```
.background{ background-color:#E76AB5 }
```

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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