

# Converting Colors

Hex(EA62B3)

Have a look what the booklet for  
Hex(EA62B3) contains.

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**Color**

**Hex(EA62B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA62B3
RGB	234, 98, 179
RGB Percent	92%, 38%, 70%
CMY	0.0824, 0.6157, 0.2980
CMYK	0.00, 0.58, 0.24, 0.08
HSL	324°, 76%, 65%
HSV	324°, 58%, 92%
XYZ	46.4361, 29.4825, 45.8911
YIQ	147.8980, 55.0550, 54.0230

# Conversions

## Conversions Part 2

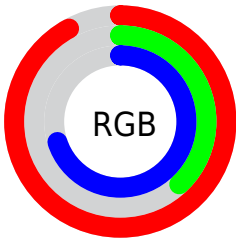
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 98, 179
Decimal	15360691
CIE <sub>Lab</sub>	61.21, 61.02, -16.84
CIE <sub>LCh</sub>	61, 63.300, 344.572
Yxy	29.4825, 0.3812, 0.2420
Android (android.graphics.Color)	4293550771 (0xFFEA62B3)
YUV	147.8980, 15.3333, 75.5115
Hunter-Lab	54.2978, 57.6341, -12.1019

# Details

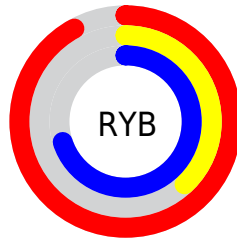
The Hex color **EA62B3** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **62EA99**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF9AEB**, and **AF267E** is the 20% darker color. If you saturate the color by 10%, you get **EA4BAA**, and if you desaturate by 10%, it is **EA79BC**.

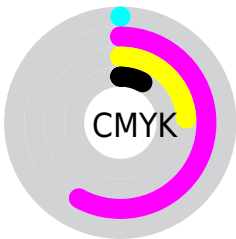
# Distribution



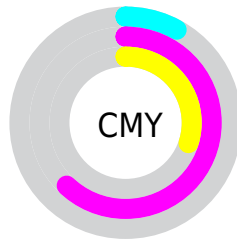
- Red (92%)
- Green (38%)
- Blue (70%)



- Red (92%)
- Yellow (38%)
- Blue (70%)



- Cyan (0%)
- Magenta (58%)
- Yellow (24%)
- Black (8%)



- Cyan (8%)
- Magenta (62%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA62B3 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 EA62B3 by changing the saturation by 10% instead.



 EA62B3

 EA62B3

FFFFFF

 CC4598

 FF9AEB

 AF267E

 FFB7FF

 920065

 FFD4FF

 76004D

 FFF1FF

 5A0036

 400021

 240005

 000000

 EA62B3

 EA62B3

EA4BAA

EA79BC

EA33A0

EA91C6

EA1C97

EAA8CF

EA048D

EAC0D9

EA008B

EAD7E2

EAEEEE

EAFFF5

EAFFFF

# Harmonies

## Analogous

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



B979E4



EA62B3



F95E7B

# Triad

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



EA62B3



969913



00ABE1

# Complementary

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



EA62B3



62EA99

# 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.



00AEAE



EA62B3



55A63E

# Square

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



EA62B3



C8861C



00AC74



00A2FF

# Rectangle

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



EA62B3



F26857



00AC74



00ADD2



# Sweetspot

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



EA62B3



FFD4ED



9862EA



806675



000000



808080



# Same Dimension

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



EA62B3



FF4DB7



EA6270



756A71



B5006C



360020



# Inverse Universe

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



EA62B3



FF4DB7



62EADC



756A71



B5006C



360020



# Previews

## White Background



This preview shows how the Hex color EA62B3 looks on a white background.

## Color Contrast Check

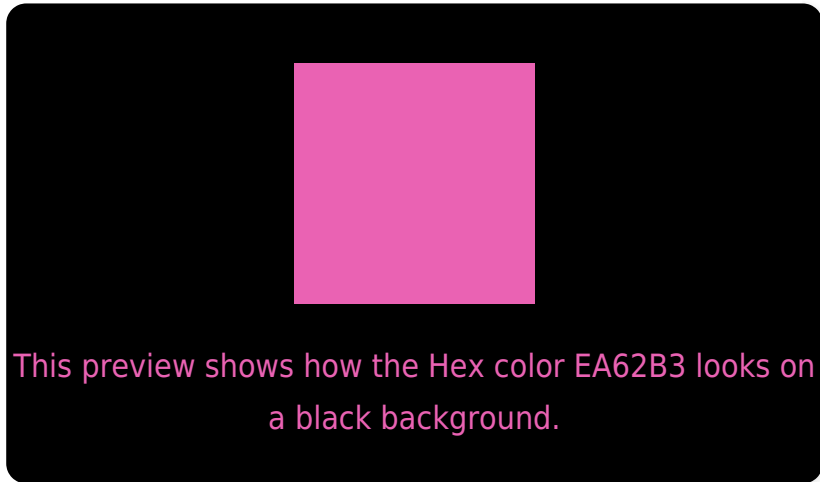
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA62B3 Background



This preview shows how black text looks on a background with the Hex color EA62B3.

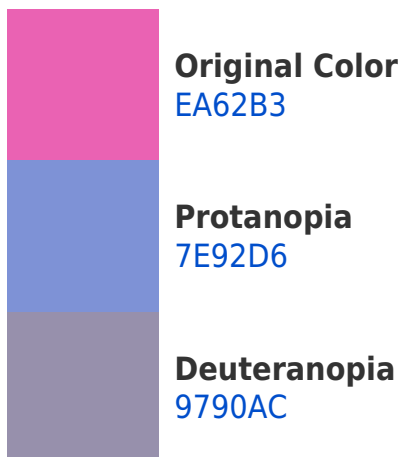


This preview shows how white text looks on a background with the Hex color EA62B3.

# 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**  
E57077

# Trichromacy



**Original Color**  
EA62B3



**Protanomaly**  
A581C9



**Deuteranomaly**  
B57FAF



**Tritanomaly**  
E76B8D

# Monochromacy



**Original Color**  
EA62B3



**Achromatopsia**  
949494



**Achromatomaly**  
B3829F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA62B3 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 #EA62B3 looks like.

```
.text, #text, p{  
    color:#EA62B3  
}
```

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 #EA62B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA62B3
}
```

## Border

The CSS property to change the border of an element to Hex EA62B3 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
#EA62B3 }
```

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

```
.border{ border-color:#EA62B3 }
```

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

Here you see how a box with a 4 pixel #EA62B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA62B3; -webkit-box-shadow:4px 4px  
4px 4px #EA62B3; box-shadow:4px 4px 4px  
4px #EA62B3 }
```

# Background

The CSS property to change the background color of an element to Hex EA62B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA62B3 }
```

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

```
.background{ background-color:#EA62B3 }
```

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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