

# Converting Colors

Hex(EA1593)

Have a look what the booklet for  
Hex(EA1593) contains.

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**Color**

**Hex(EA1593)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA1593
RGB	234, 21, 147
RGB Percent	92%, 8%, 58%
CMY	0.0824, 0.9176, 0.4235
CMYK	0.00, 0.91, 0.37, 0.08
HSL	325°, 84%, 50%
HSV	325°, 91%, 92%
XYZ	39.4663, 20.1353, 29.4102
YIQ	99.0510, 86.5020, 84.3420

# Conversions

## Conversions Part 2

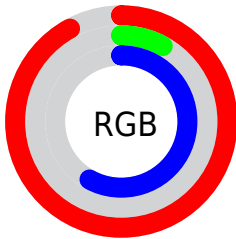
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 21, 147
Decimal	15340947
CIE <sub>Lab</sub>	51.99, 79.96, -12.06
CIE <sub>LCh</sub>	52, 80.865, 351.424
Yxy	20.1353, 0.4434, 0.2262
Android (android.graphics.Color)	4293531027 (0xFFEA1593)
YUV	99.0510, 23.6389, 118.3503
Hunter-Lab	44.8724, 78.4681, -7.4490

# Details

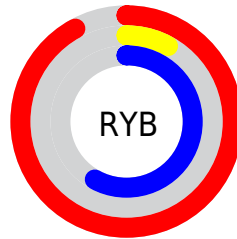
The Hex color **EA1593** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **15EA6C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF65C9**, and **AC0060** is the 20% darker color. If you saturate the color by 10%, you get **EA008A**, and if you desaturate by 10%, it is **EA2C9D**.

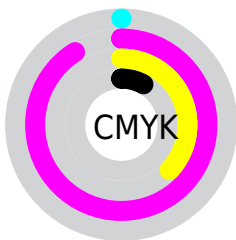
# Distribution



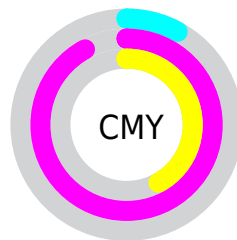
- Red (92%)
- Green (8%)
- Blue (58%)



- Red (92%)
- Yellow (8%)
- Blue (58%)



- Cyan (0%)
- Magenta (91%)
- Yellow (37%)
- Black (8%)



- Cyan (8%)
- Magenta (92%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA1593 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 EA1593 by changing the saturation by 10% instead.



 EA1593

 EA1593

FFFFFF

 CB0079

 FF65C9

 AC0060

 FF84E5

 8E0049

 FFA2FF

 700032

 FFC0FF

 53001E

 FFDFFF

 360002

 FFFDFF

 060000

 000000

 EA1593

 EA1593

 EA008A

 EA2C9D

 EA44A6

 EA5BB0

 EA73B9

 EA8AC3

 EAA1CC

 EAB9D6

 EAD0DF

 EAE8E9

# Harmonies

## Analogous

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



B94BD4



EA1593



F11F4E

# Triad

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



EA1593



678700



0096E8

# Complementary

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



EA1593



15EA6C

# 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.



0099AD



EA1593



009314

# Square

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



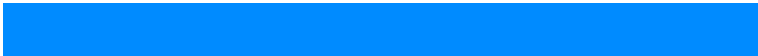
EA1593



A77200



009865



008BFF

# Rectangle

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



EA1593



E24121



009865



0098D7



# Sweetspot

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



EA1593



FFBAE3



6A15EA



80576F



000000



808080



# Same Dimension

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



EA1593



FF0097



EA152A



756A71



B5006B



360020



# Inverse Universe

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



EA1593



FF0097



15EAD5



756A71



B5006B



360020



# Previews

## White Background



This preview shows how the Hex color EA1593 looks on a white background.

## Color Contrast Check

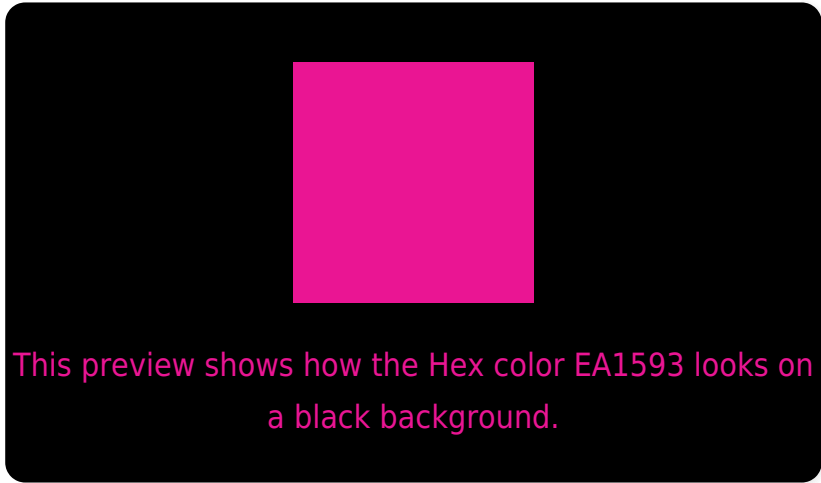
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA1593 Background



This preview shows how black text looks on a background with the Hex color EA1593.

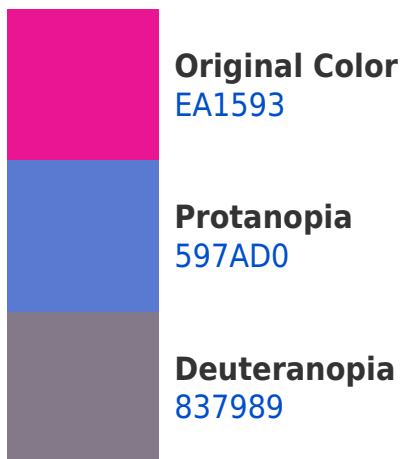


This preview shows how white text looks on a background with the Hex color EA1593.

# 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**  
E53C3F

# Trichromacy



**Original Color**  
EA1593



**Protanomaly**  
8E55BA



**Deuteranomaly**  
A8558D



**Tritanomaly**  
E72E5E

# Monochromacy



**Original Color**  
EA1593



**Achromatopsia**  
636363



**Achromatomaly**  
944774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA1593 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 #EA1593 looks like.

```
.text, #text, p{  
    color:#EA1593  
}
```

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 #EA1593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA1593  
}
```

## Border

The CSS property to change the border of an element to Hex EA1593 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  
#EA1593 }
```

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

```
.border{ border-color:#EA1593 }
```

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

Here you see how a box with a 4 pixel #EA1593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA1593; -webkit-box-shadow:4px 4px  
4px 4px #EA1593; box-shadow:4px 4px 4px  
4px #EA1593 }
```

# Background

The CSS property to change the background color of an element to Hex EA1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA1593 }
```

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

```
.background{ background-color:#EA1593 }
```

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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