

# Converting Colors

Hex(EC2093)

Have a look what the booklet for  
Hex(EC2093) contains.

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# Color

**Hex(EC2093)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC2093
RGB	236, 32, 147
RGB Percent	93%, 13%, 58%
CMY	0.0745, 0.8745, 0.4235
CMYK	0.00, 0.86, 0.38, 0.07
HSL	326°, 84%, 53%
HSV	326°, 86%, 93%
XYZ	40.3750, 20.9725, 29.5239
YIQ	106.1060, 84.6690, 79.0130

# Conversions

## Conversions Part 2

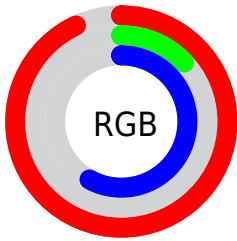
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 32, 147
Decimal	15474835
CIE Lab	52.92, 78.80, -10.62
CIE LCh	53, 79.508, 352.322
Yxy	20.9725, 0.4443, 0.2308
Android (android.graphics.Color)	4293664915 (0xFFEC2093)
YUV	106.1060, 20.1607, 113.9170
Hunter-Lab	45.7957, 77.2291, -6.1664

# Details

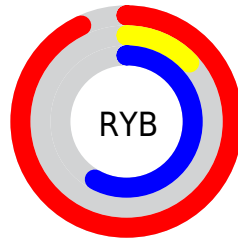
The Hex color **EC2093** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **20EC79**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6AC9**, and **AE0060** is the 20% darker color. If you saturate the color by 10%, you get **EC0889**, and if you desaturate by 10%, it is **EC389D**.

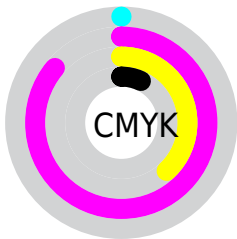
# Distribution



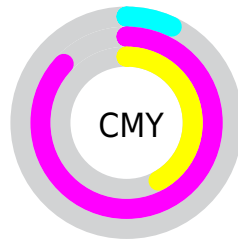
- Red (93%)
- Green (13%)
- Blue (58%)



- Red (93%)
- Yellow (13%)
- Blue (58%)



- Cyan (0%)
- Magenta (86%)
- Yellow (38%)
- Black (7%)



- Cyan (7%)
- Magenta (87%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC2093 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 EC2093 by changing the saturation by 10% instead.



 EC2093

 EC2093

FFFFFF

 CD0079

 FF6AC9

 AE0060

 FF88E5

 900049

 FFA6FF

 720032

 FFC4FF

 55001E

 FFE3FF

 380002

 0D0000

 000000

 EC2093

 EC2093

 EC0889

 EC389D

 EC0085

 EC4FA8

 EC67B2

 EC7EBC

 EC96C6

 ECAED1

 ECC5DB

 ECDDE5

 ECF4F0

# Harmonies

## Analogous

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



BD4ED3



EC2093



F2294F

# Triad

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



EC2093



688A00



0098EB

# Complementary

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



EC2093



20EC79

# 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.



009BB1



EC2093



00951D

# Square

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



EC2093



A87500



009A6A



008CFF

# Rectangle

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



EC2093



E34722



009A6A



009ADA



# Sweetspot

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



EC2093



FFBDE2



7820EC



80586E



000000



808080



# Same Dimension

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



EC2093



FF0090



EC202E



756A70



B50066



36001E



# Inverse Universe

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



EC2093



FF0090



20ECDE



756A70



B50066



36001E



# Previews

## White Background



This preview shows how the Hex color EC2093 looks on a white background.

## Color Contrast Check

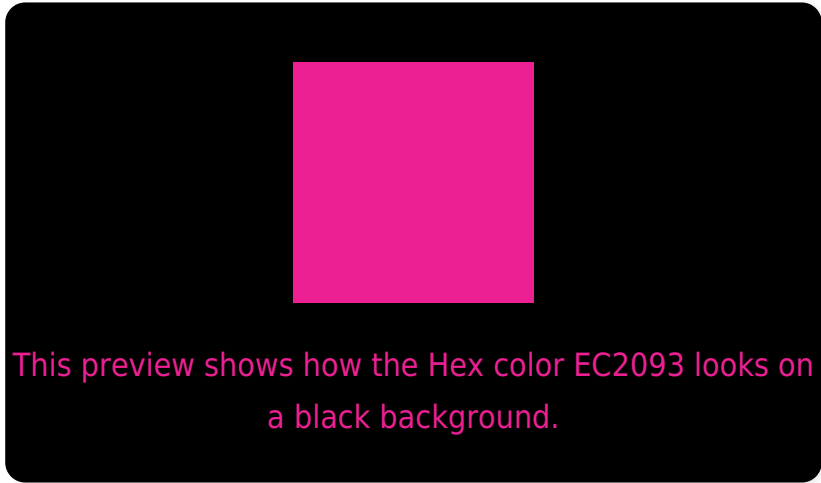
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC2093 Background



This preview shows how black text looks on a background with the Hex color EC2093.



This preview shows how white text looks on a background with the Hex color EC2093.

# 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**  
E74042

# Trichromacy



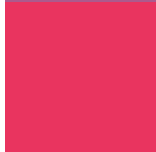
**Original Color**  
EC2093



**Protanomaly**  
935BB8



**Deuteranomaly**  
AC5A8D

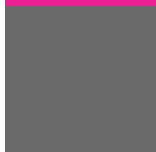


**Tritanomaly**  
E9345F

# Monochromacy



**Original Color**  
EC2093



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
994F79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC2093 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 #EC2093 looks like.

```
.text, #text, p{  
    color:#EC2093  
}
```

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 #EC2093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC2093
}
```

## Border

The CSS property to change the border of an element to Hex EC2093 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
#EC2093 }
```

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

```
.border{ border-color:#EC2093 }
```

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

Here you see how a box with a 4 pixel #EC2093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC2093; -webkit-box-shadow:4px 4px  
4px 4px #EC2093; box-shadow:4px 4px 4px  
4px #EC2093 }
```

# Background

The CSS property to change the background color of an element to Hex EC2093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC2093 }
```

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

```
.background{ background-color:#EC2093 }
```

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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