

# Converting Colors

Hex(EC5190)

Have a look what the booklet for  
Hex(EC5190) contains.

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# **Color**

**Hex(EC5190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC5190
RGB	236, 81, 144
RGB Percent	93%, 32%, 56%
CMY	0.0745, 0.6824, 0.4353
CMYK	0.00, 0.66, 0.39, 0.07
HSL	336°, 80%, 62%
HSV	336°, 66%, 93%
XYZ	42.5685, 25.7313, 29.1086
YIQ	134.5270, 72.1570, 52.4530

# Conversions

## Conversions Part 2

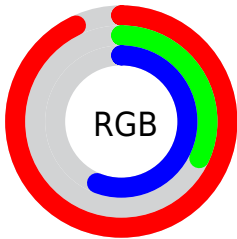
Format	Color
R <sub>Y</sub> B	236, 81, 144
Decimal	15487376
CIE Lab	57.78, 64.53, -1.63
CIE LCh	58, 64.547, 358.552
Yxy	25.7313, 0.4370, 0.2642
Android (android.graphics.Color)	4293677456 (0xFFEC5190)
YUV	134.5270, 4.6702, 88.9918
Hunter-Lab	50.7261, 61.0238, 1.4853

# Details

The Hex color **EC5190** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **51ECAD**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF8BC6**, and **AF005E** is the 20% darker color. If you saturate the color by 10%, you get **EC3982**, and if you desaturate by 10%, it is **EC699E**.

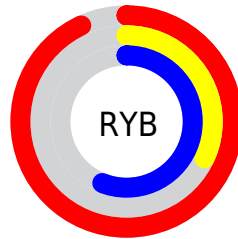
# Distribution



Red (93%)

Green (32%)

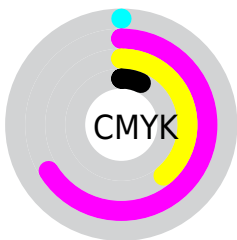
Blue (56%)



Red (93%)

Yellow (32%)

Blue (56%)

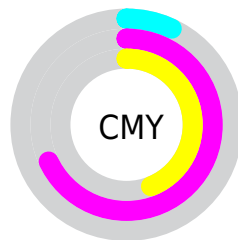


Cyan (0%)

Magenta (66%)

Yellow (39%)

Black (7%)



Cyan (7%)

Magenta (68%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC5190 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 EC5190 by changing the saturation by 10% instead.



 EC5190

 EC5190

FFFFFF

 CE3276

 FF8BC6

 AF005E

 FFA7E2

 920046

 FFC4FE

 740030

 FFE2FF

 57001C

 3D0003

 180001

 000000

 EC5190

 EC5190

 EC3982

 EC699E

 EC2274

 EC80AC

 EC0A66

 EC98BA

 EC0060

 ECAFC8

 ECC7D6

 ECDFE4

 ECF6F2

 ECFFFF

# Harmonies

## Analogous

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



CC63C7



EC5190



EC5958

# Triad

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



EC5190



719716



009FEB

# Complementary

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



EC5190



51ECAD

# 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.



00A4BF



EC5190



00A04C

# Square

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



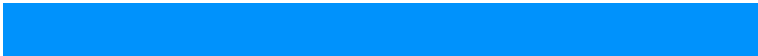
EC5190



A88700



00A586



0092FC

# Rectangle

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



EC5190



DE6837



00A586



00A2DF



# Sweetspot

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



EC5190



FFCCE1



AB51EC



80616D



000000



808080



# Same Dimension

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



EC5190



FF3687



EC5E51



756A6E



B5004A



360016



# Inverse Universe

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



EC5190



FF3687



51DFEC



756A6E



B5004A



360016



# Previews

## White Background



This preview shows how the Hex color EC5190 looks on a white background.

## Color Contrast Check

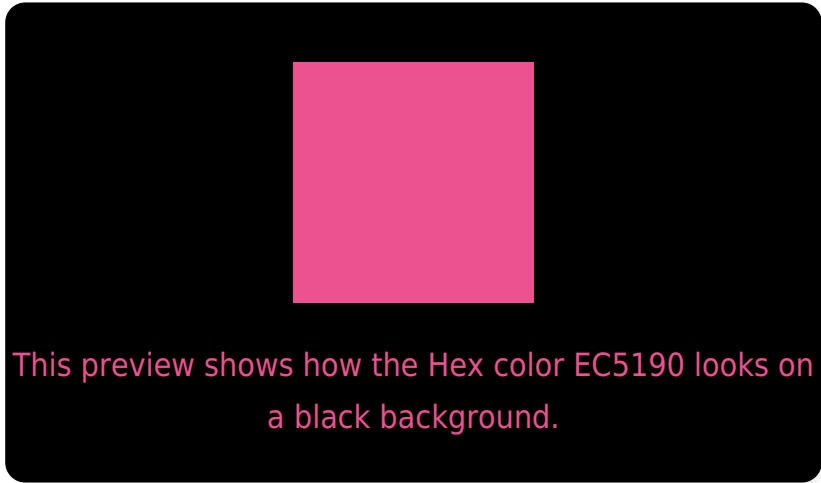
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC5190 Background



This preview shows how black text looks on a background with the Hex color EC5190.



This preview shows how white text looks on a background with the Hex color EC5190.

# 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**  
E95C61

# Trichromacy



**Original Color**  
EC5190



**Protanomaly**  
A775A7



**Deuteranomaly**  
B8738B



**Tritanomaly**  
EA5872

# Monochromacy



**Original Color**  
EC5190



**Achromatopsia**  
878787



**Achromatomaly**  
AC738A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC5190 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 #EC5190 looks like.

```
.text, #text, p{  
    color:#EC5190  
}
```

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 #EC5190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC5190
}
```

## Border

The CSS property to change the border of an element to Hex EC5190 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
#EC5190 }
```

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

```
.border{ border-color:#EC5190 }
```

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

Here you see how a box with a 4 pixel #EC5190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC5190; -webkit-box-shadow:4px 4px  
4px 4px #EC5190; box-shadow:4px 4px 4px  
4px #EC5190 }
```

# Background

The CSS property to change the background color of an element to Hex EC5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC5190 }
```

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

```
.background{ background-color:#EC5190 }
```

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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