

# Converting Colors

Hex(E15791)

Have a look what the booklet for  
Hex(E15791) contains.

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# **Color**

**Hex(E15791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E15791
RGB	225, 87, 145
RGB Percent	88%, 34%, 57%
CMY	0.1176, 0.6588, 0.4314
CMYK	0.00, 0.61, 0.36, 0.12
HSL	335°, 70%, 61%
HSV	335°, 61%, 88%
XYZ	39.5704, 24.8683, 29.5025
YIQ	134.8740, 63.6300, 47.2940

# Conversions

## Conversions Part 2

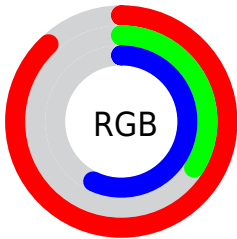
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 87, 145
Decimal	14768017
CIE Lab	56.95, 58.92, -3.65
CIE LCh	57, 59.035, 356.457
Yxy	24.8683, 0.4212, 0.2647
Android (android.graphics.Color)	4292958097 (0xFFE15791)
YUV	134.8740, 4.9921, 79.0405
Hunter-Lab	49.8681, 54.3707, -0.1690

# Details

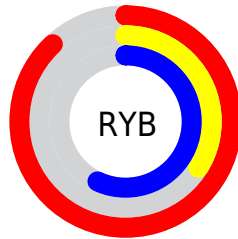
The Hex color **E15791** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **57E1A7**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF8FC7**, and **A6175F** is the 20% darker color. If you saturate the color by 10%, you get **E14184**, and if you desaturate by 10%, it is **E16E9E**.

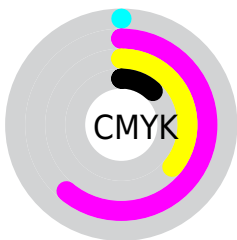
# Distribution



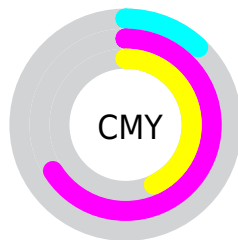
- Red (88%)
- Green (34%)
- Blue (57%)



- Red (88%)
- Yellow (34%)
- Blue (57%)



- Cyan (0%)
- Magenta (61%)
- Yellow (36%)
- Black (12%)




- Cyan (12%)
- Magenta (66%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E15791 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 E15791 by changing the saturation by 10% instead.



 E15791

 E15791

FFFFFF

 C33A77

 FF8FC7

 A6175F

 FFABE3

 890047


 FFC8FF

 6C0031


 FFE5FF

 50001C

 360002

 070000

 000000

 E15791

 E15791

 E14184

 E16E9E

 E12A77

 E184AB

 E1146A

 E19BB8

 E1005F

 E1B1C5

 E1C8D2

 E1DEDF

 E1F4EC

 E1FFF9

 E1FFFF

# Harmonies

## Analogous

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



C167C2



E15791



E35C5E

# Triad

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



E15791



769321



009CDE

# Complementary

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



E15791



57E1A7

# 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.



00A1B5



E15791



299C4D

# Square

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



E15791



A88412



00A081



0090F0

# Rectangle

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



E15791



D7683F



00A081



009ED2



# Sweetspot

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



E15791



FFD1E4



A557E1



80636F



000000



808080



# Same Dimension

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



E15791



FF4292



E16057



70656A



B0004A



300014



# Inverse Universe

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



E15791



FF4292



57D8E1



70656A



B0004A



300014



# Previews

## White Background



This preview shows how the Hex color E15791 looks on a white background.

## Color Contrast Check

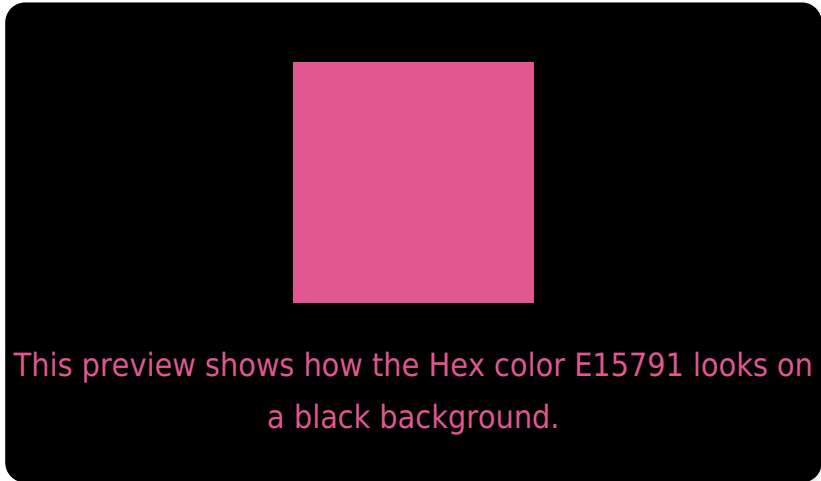
Large Text (above 18pt) WCAG AA ✓ Pass

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

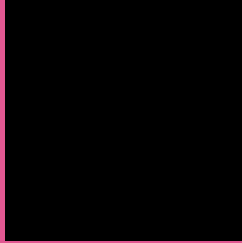
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E15791 Background



This preview shows how black text looks on a background with the Hex color E15791.



This preview shows how white text looks on a background with the Hex color E15791.

# 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



**Original Color**  
E15791

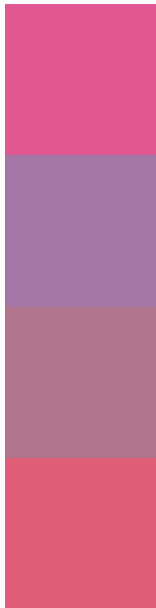
**Protanopia**  
7F88B0

**Deuteranopia**  
96858A



**Tritanopia**  
DE6067

# Trichromacy



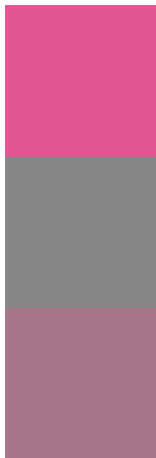
**Original Color**  
E15791

**Protanomaly**  
A376A5

**Deuteranomaly**  
B1748D

**Tritanomaly**  
DF5D76

# Monochromacy



**Original Color**  
E15791

**Achromatopsia**  
878787

**Achromatomaly**  
A8768B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E15791 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 #E15791 looks like.

```
.text, #text, p{  
    color:#E15791  
}
```

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 #E15791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E15791  
}
```

## Border

The CSS property to change the border of an element to Hex E15791 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  
#E15791 }
```

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

```
.border{ border-color:#E15791 }
```

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

Here you see how a box with a 4 pixel #E15791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E15791; -webkit-box-shadow:4px 4px  
4px 4px #E15791; box-shadow:4px 4px 4px  
4px #E15791 }
```

# Background

The CSS property to change the background color of an element to Hex E15791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E15791 }
```

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

```
.background{ background-color:#E15791 }
```

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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