

# Converting Colors

Hex(ED245B)

Have a look what the booklet for  
Hex(ED245B) contains.

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**Color**

**Hex(ED245B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED245B
RGB	237, 36, 91
RGB Percent	93%, 14%, 36%
CMY	0.0706, 0.8588, 0.6431
CMYK	0.00, 0.85, 0.62, 0.07
HSL	344°, 85%, 54%
HSV	344°, 85%, 93%
XYZ	37.4443, 20.0216, 11.7886
YIQ	102.3690, 102.1410, 59.7170

# Conversions

## Conversions Part 2

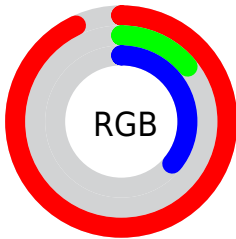
Format	Color
<a href="#">RYB</a>	<a href="#">237, 36, 91</a>
Decimal	<a href="#">15541339</a>
CIELab	<a href="#">51.86, 74.03, 21.68</a>
CIELCh	<a href="#">52, 77.140, 16.323</a>
Yxy	<a href="#">20.0216, 0.5407, 0.2891</a>
Android (android.graphics.Color)	<a href="#">4293731419 (0xFFED245B)</a>
YUV	<a href="#">102.3690, -5.6049, 118.0714</a>
Hunter-Lab	<a href="#">44.7455, 71.0690, 15.7014</a>

# Details

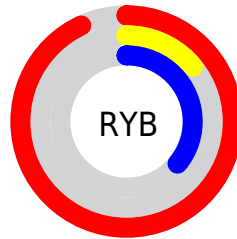
The Hex color **ED245B** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **24EDB6**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6A8D**, and **AD002E** is the 20% darker color. If you saturate the color by 10%, you get **ED0C4A**, and if you desaturate by 10%, it is **ED3C6C**.

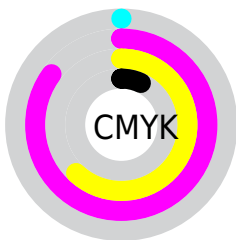
# Distribution



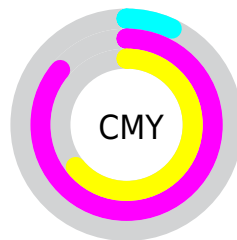
- Red (93%)
- Green (14%)
- Blue (36%)



- Red (93%)
- Yellow (14%)
- Blue (36%)



- Cyan (0%)
- Magenta (85%)
- Yellow (62%)
- Black (7%)



- Cyan (7%)
- Magenta (86%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED245B 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 ED245B by changing the saturation by 10% instead.



 ED245B

 ED245B

FFFFFF

 CD0044

 FF6A8D

 AD002E

 FF88A7

 8E001A

 FFA6C2

 6F0001

 FFC3DE

 510003

 FFE1FA

 310002

 000000

 ED245B

 ED245B

 ED0C4A

 ED3C6C

 ED0041

 ED537D

 ED6B8F

 ED83A0

 ED9AB1

 EDB2C2

 EDCAD4

 EDE2E5

 EDF9F6

# Harmonies

## Analogous

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



E02B9D



ED245B



D94C19

# Triad

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



ED245B



059007



008CFD

# Complementary

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



ED245B



24EDB6

# 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.



0096DB



ED245B



00965A

# Square

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



ED245B



758400



00989F



0078FC

# Rectangle

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



ED245B



BF6400



00989F



0091F5



# Sweetspot

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



ED245B



FFBFD1



B424ED



805964



000000



808080



# Same Dimension

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



ED245B



FF0046



ED5024



756A6D



B50032



36000F



# Inverse Universe

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



ED245B



FF0046



24C1ED



756A6D



B50032



36000F



# Previews

## White Background



This preview shows how the Hex color ED245B looks on a white background.

## Color Contrast Check

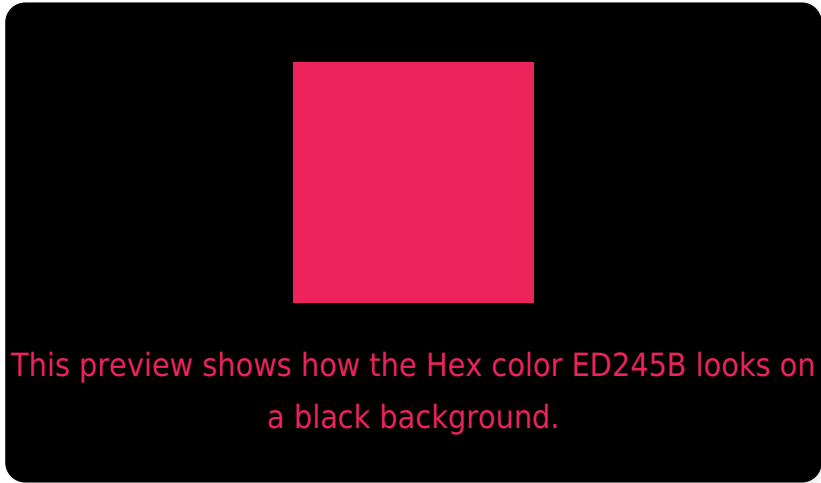
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED245B Background



This preview shows how black text looks on a background with the Hex color ED245B.



This preview shows how white text looks on a background with the Hex color ED245B.

# 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**  
ED245B

**Protanopia**  
7D7C80

**Deuteranopia**  
957751



# Trichromacy



**Original Color**  
ED245B



**Protanomaly**  
A65C73



**Deuteranomaly**  
B55955

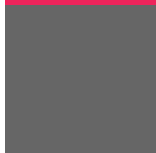


**Tritanomaly**  
EC2C40

# Monochromacy



**Original Color**  
ED245B



**Achromatopsia**  
666666



**Achromatomaly**  
974E62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED245B 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 #ED245B looks like.

```
.text, #text, p{  
  color:#ED245B  
}
```

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 #ED245B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED245B
}
```

## Border

The CSS property to change the border of an element to Hex ED245B 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
#ED245B }
```

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

```
.border{ border-color:#ED245B }
```

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

Here you see how a box with a 4 pixel #ED245B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED245B; -webkit-box-shadow:4px 4px  
4px 4px #ED245B; box-shadow:4px 4px 4px  
4px #ED245B }
```

# Background

The CSS property to change the background color of an element to Hex ED245B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED245B }
```

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

```
.background{ background-color:#ED245B }
```

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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