

# Converting Colors

Hex(E7314F)

Have a look what the booklet for  
Hex(E7314F) contains.

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# Color

**Hex(E7314F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7314F
RGB	231, 49, 79
RGB Percent	91%, 19%, 31%
CMY	0.0941, 0.8078, 0.6902
CMYK	0.00, 0.79, 0.66, 0.09
HSL	350°, 79%, 55%
HSV	350°, 79%, 91%
XYZ	35.4646, 19.7501, 9.3401
YIQ	106.8380, 98.8420, 47.9140

# Conversions

## Conversions Part 2

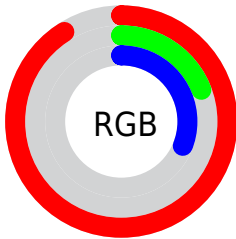
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 49, 79
Decimal	15151439
CIE <sub>Lab</sub>	51.55, 68.78, 28.27
CIE <sub>LCh</sub>	52, 74.364, 22.340
Yxy	19.7501, 0.5494, 0.3059
Android (android.graphics.Color)	4293341519 (0xFFE7314F)
YUV	106.8380, -13.7241, 108.8901
Hunter-Lab	44.4410, 64.6737, 18.6479

# Details

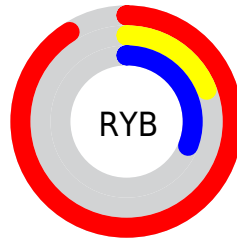
The Hex color **E7314F** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **31E7C9**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7080**, and **A80023** is the 20% darker color. If you saturate the color by 10%, you get **E71A3C**, and if you desaturate by 10%, it is **E74862**.

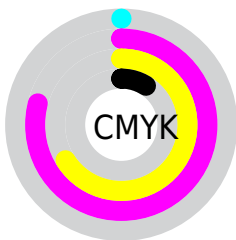
# Distribution



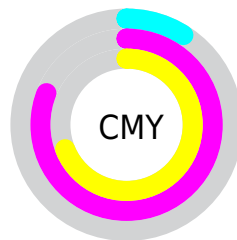
- Red (91%)
- Green (19%)
- Blue (31%)



- Red (91%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (79%)
- Yellow (66%)
- Black (9%)



- Cyan (9%)
- Magenta (81%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7314F 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 E7314F by changing the saturation by 10% instead.



 E7314F

 E7314F

FFFFFF

 C70038

 FF7080

 A80023

 FF8D9A

 88000F

 FFABB5

 690000

 FFC8D0

 4C0003

 FFE6EC

 2C0001

 000000

 E7314F

 E7314F

 E71A3C

 E74862

 E70328

 E75F76

 E70026

 E77689

 E78D9C

 E7A5AF

 E7BCC3

 E7D3D6

 E7EAE9

 E7FFFD

# Harmonies

## Analogous

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



E12B8E



E7314F



CF550B

# Triad

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



E7314F



009023



0088FA

# Complementary

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



E7314F



31E7C9

# 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.



0093DF



E7314F



009568

# Square

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



E7314F



678600



0096AA



4A71F2

# Rectangle

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



E7314F



B36A00



0096AA



008DF5



# Sweetspot

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



E7314F



FFC2CC



C931E7



805B61



000000



808080



# Same Dimension

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



E7314F



FF0D35



E76E31



736769



B3001D



330008



# Inverse Universe

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



E7314F



FF0D35



31AAE7



736769



B3001D



330008



# Previews

## White Background



This preview shows how the Hex color E7314F 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 E7314F Background



This preview shows how black text looks on a background with the Hex color E7314F.

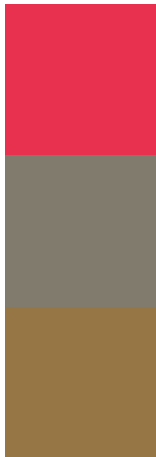


This preview shows how white text looks on a background with the Hex color E7314F.

# 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**  
E7314F

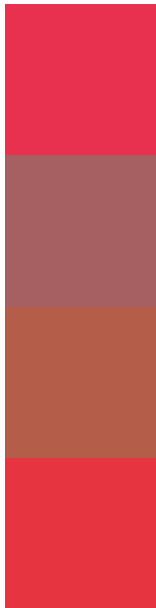
**Protanopia**  
817B6D

**Deuteranopia**  
977645



**Tritanopia**  
E63637

# Trichromacy



**Original Color**  
E7314F

**Protanomaly**  
A66062

**Deuteranomaly**  
B45D49

**Tritanomaly**  
E63440

# Monochromacy



**Original Color**  
E7314F

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
985661

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7314F 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 #E7314F looks like.

```
.text, #text, p{  
    color:#E7314F  
}
```

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 #E7314F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7314F
}
```

## Border

The CSS property to change the border of an element to Hex E7314F 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
#E7314F }
```

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

```
.border{ border-color:#E7314F }
```

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

Here you see how a box with a 4 pixel #E7314F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7314F; -webkit-box-shadow:4px 4px  
4px 4px #E7314F; box-shadow:4px 4px 4px  
4px #E7314F }
```

# Background

The CSS property to change the background color of an element to Hex E7314F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7314F }
```

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

```
.background{ background-color:#E7314F }
```

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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