

# Converting Colors

Hex(EA254C)

Have a look what the booklet for  
Hex(EA254C) contains.

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**Color**

**Hex(EA254C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA254C
RGB	234, 37, 76
RGB Percent	92%, 15%, 30%
CMY	0.0824, 0.8549, 0.7020
CMYK	0.00, 0.84, 0.68, 0.08
HSL	348°, 82%, 53%
HSV	348°, 84%, 92%
XYZ	35.8978, 19.3374, 8.6779
YIQ	100.3490, 104.8930, 53.8930

# Conversions

## Conversions Part 2

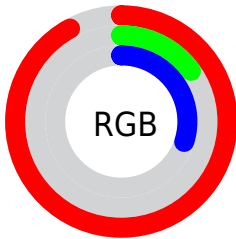
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 37, 76</a>
Decimal	<a href="#">15344972</a>
CIELab	<a href="#">51.08, 72.28, 29.59</a>
CIELCh	<a href="#">51, 78.105, 22.259</a>
Yxy	<a href="#">19.3374, 0.5617, 0.3026</a>
Android (android.graphics.Color)	<a href="#">4293535052 (0xFFEA254C)</a>
YUV	<a href="#">100.3490, -12.0041, 117.2119</a>
Hunter-Lab	<a href="#">43.9743, 68.7609, 19.0816</a>

# Details

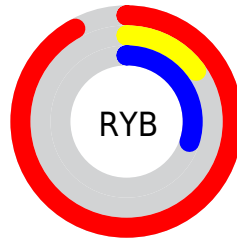
The Hex color **EA254C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **25EAC3**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF697D**, and **AA0021** is the 20% darker color. If you saturate the color by 10%, you get **EA0E39**, and if you desaturate by 10%, it is **EA3C5F**.

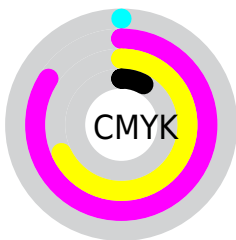
# Distribution



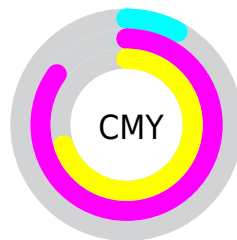
- Red (92%)
- Green (15%)
- Blue (30%)



- Red (92%)
- Yellow (15%)
- Blue (30%)



- Cyan (0%)
- Magenta (84%)
- Yellow (68%)
- Black (8%)



- Cyan (8%)
- Magenta (85%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA254C 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 EA254C by changing the saturation by 10% instead.



 EA254C

 EA254C

FFFFFF

 CA0036

 FF697D

 AA0021

 FF8796

 8A000C

 FFA5B1

 6B0001

 FFC3CC

 4D0004

 FFE0E9

 2D0002

 000000

 EA254C

 EA254C

 EA0E39

 EA3C5F

 EA002E

 EA5472

 EA6B84

 EA8397

 EA9AAA

 EAB1BD

 EAC9CF

 EAE0E2

 EAF8F5

# Harmonies

## Analogous

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



E51C8E



EA254C



D15100

# Triad

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



EA254C



00901A



0087FF

# Complementary

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



EA254C



25EAC3

# 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.



0093E3



EA254C



009566

# Square

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



EA254C



648500



0096AB



3F70F7

# Rectangle

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



EA254C



B36800



0096AB



008CFA



# Sweetspot

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



EA254C



FFBFCC



C325EA



805961



000000



808080



# Same Dimension

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



EA254C



FF0032



EA6025



756A6C



B50024



36000B



# Inverse Universe

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



EA254C



FF0032



25AFEA



756A6C



B50024



36000B



# Previews

## White Background



This preview shows how the Hex color EA254C looks on a white background.

## Color Contrast Check

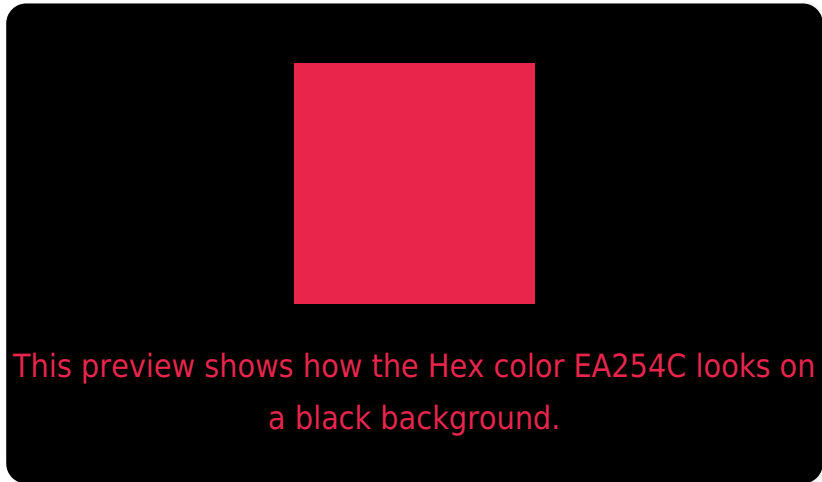
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA254C Background



This preview shows how black text looks on a background with the Hex color EA254C.

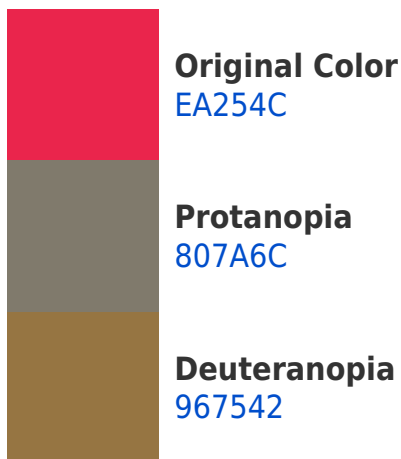


This preview shows how white text looks on a background with the Hex color EA254C.

# Color Blindness Simulation

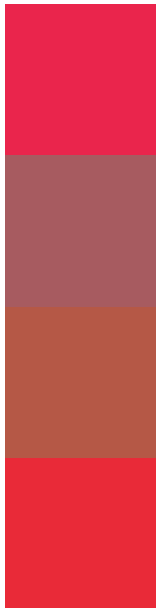
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



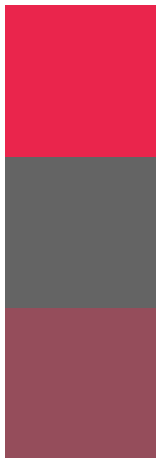
**Original Color**  
EA254C

**Protanomaly**  
A75B60

**Deuteranomaly**  
B55846

**Tritanomaly**  
E92A38

# Monochromacy



**Original Color**  
EA254C

**Achromatopsia**  
646464

**Achromatomaly**  
954D5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA254C 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 #EA254C looks like.

```
.text, #text, p{  
    color:#EA254C  
}
```

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 #EA254C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA254C
}
```

## Border

The CSS property to change the border of an element to Hex EA254C is called "border". The border property can be set on classes, ids or directly on the HTML element.

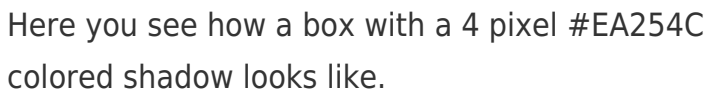
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA254C }
```

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

```
.border{ border-color:#EA254C }
```

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



Here you see how a box with a 4 pixel #EA254C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA254C; -webkit-box-shadow:4px 4px  
4px 4px #EA254C; box-shadow:4px 4px 4px  
4px #EA254C }
```

# Background

The CSS property to change the background color of an element to Hex EA254C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA254C }
```

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

```
.background{ background-color:#EA254C }
```

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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