

# Converting Colors

Hex(EA164C)

Have a look what the booklet for  
Hex(EA164C) contains.

<b>Hex(EA164C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(EA164C)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA164C
RGB	234, 22, 76
RGB Percent	92%, 9%, 30%
CMY	0.0824, 0.9137, 0.7020
CMYK	0.00, 0.91, 0.68, 0.08
HSL	345°, 83%, 50%
HSV	345°, 91%, 92%
XYZ	35.5231, 18.5880, 8.5531
YIQ	91.5440, 109.0180, 61.7380

# Conversions

## Conversions Part 2

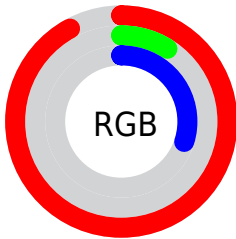
Format	Color
<a href="#">RYB</a>	<a href="#">234, 22, 76</a>
Decimal	<a href="#">15341132</a>
CIELab	<a href="#">50.20, 74.81, 28.49</a>
CIElCh	<a href="#">50, 80.047, 20.847</a>
Yxy	<a href="#">18.5880, 0.5669, 0.2966</a>
Android (android.graphics.Color)	<a href="#">4293531212 (0xFFEA164C)</a>
YUV	<a href="#">91.5440, -7.6632, 124.9339</a>
Hunter-Lab	<a href="#">43.1139, 71.6235, 18.4176</a>

# Details

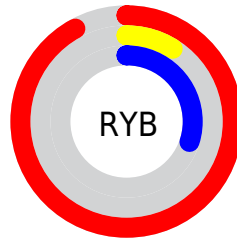
The Hex color **EA164C** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **16EAB4**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF637D**, and **AA0021** is the 20% darker color. If you saturate the color by 10%, you get **EA003C**, and if you desaturate by 10%, it is **EA2D5D**.

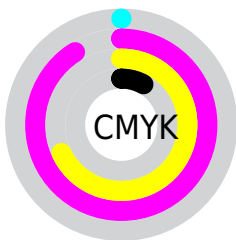
# Distribution



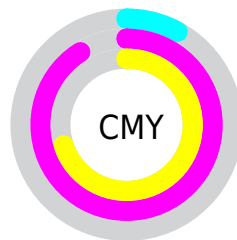
- Red (92%)
- Green (9%)
- Blue (30%)



- Red (92%)
- Yellow (9%)
- Blue (30%)



- Cyan (0%)
- Magenta (91%)
- Yellow (68%)
- Black (8%)



- Cyan (8%)
- Magenta (91%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA164C 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 EA164C by changing the saturation by 10% instead.



 EA164C

 EA164C

FFFFFF

 CA0036

 FF637D

 AA0021

 FF8196

 8A000C

 FF9FB1

 6A0001

 FFBDC8

 4D0004

 FFD8E8

 2D0001

 FFF9FF

 000000

 EA164C

 EA164C

 EA003C

 EA2D5D

 EA456F

 EA5C80

 EA7492

 EA8BA3

 EAA2B5

 EABAC6

 EAD1D8

 EAE9E9

# Harmonies

## Analogous

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



E30C8F



EA164C



D14B00

# Triad

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



EA164C



008D0C



0086FF

# Complementary

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



EA164C



16EAB4

# 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.



0091E1



EA164C



009360

# Square

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



EA164C



648200



0094A6



256FF9

# Rectangle

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



EA164C



B46300



0094A6



008BFA



# Sweetspot

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



EA164C



FFBACC



B116EA



805761



000000



808080



# Same Dimension

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



EA164C



FF0041



EA4716



756A6D



B5002E



36000E



# Inverse Universe

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



EA164C



FF0041



16B9EA



756A6D



B5002E



36000E



# Previews

## White Background



This preview shows how the Hex color EA164C looks on a white background.

## Color Contrast Check

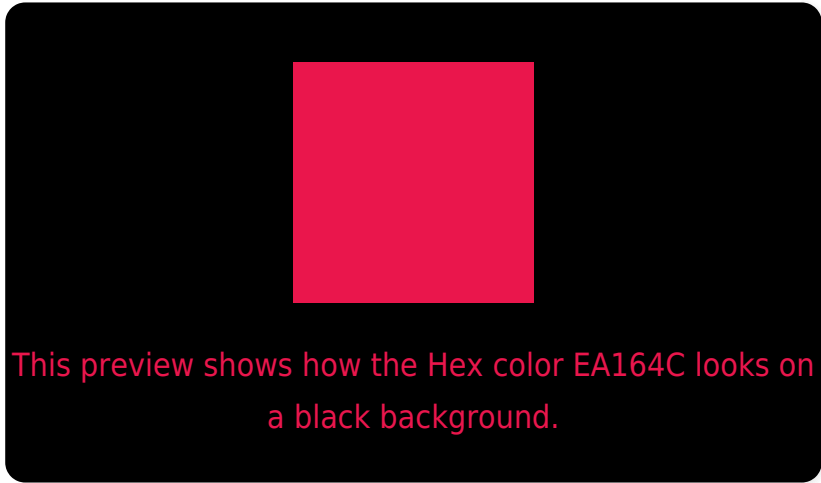
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA164C Background



This preview shows how black text looks on a background with the Hex color EA164C.



This preview shows how white text looks on a background with the Hex color EA164C.

# 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**  
EA164C

**Protanopia**  
7D786F

**Deuteranopia**  
937341



**Tritanopia**  
E92421

# Trichromacy



**Original Color**  
EA164C



**Protanomaly**  
A55462



**Deuteranomaly**  
B35145



**Tritanomaly**  
E91F31

# Monochromacy



**Original Color**  
EA164C



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
904356

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA164C 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 #EA164C looks like.

```
.text, #text, p{  
    color:#EA164C  
}
```

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 #EA164C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA164C
}
```

## Border

The CSS property to change the border of an element to Hex EA164C 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
#EA164C }
```

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

```
.border{ border-color:#EA164C }
```

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

Here you see how a box with a 4 pixel #EA164C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA164C; -webkit-box-shadow:4px 4px  
4px 4px #EA164C; box-shadow:4px 4px 4px  
4px #EA164C }
```

# Background

The CSS property to change the background color of an element to Hex EA164C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA164C }
```

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

```
.background{ background-color:#EA164C }
```

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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