

# Converting Colors

Hex(EA404C)

Have a look what the booklet for  
Hex(EA404C) contains.

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**Color**

**Hex(EA404C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA404C
RGB	234, 64, 76
RGB Percent	92%, 25%, 30%
CMY	0.0824, 0.7490, 0.7020
CMYK	0.00, 0.73, 0.68, 0.08
HSL	356°, 80%, 58%
HSV	356°, 73%, 92%
XYZ	37.0696, 21.6810, 9.0685
YIQ	116.1980, 97.4680, 39.7720

# Conversions

## Conversions Part 2

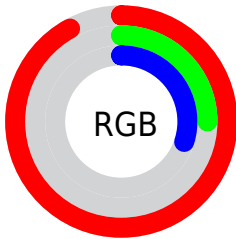
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 64, 76
Decimal	15351884
CIE Lab	53.69, 64.94, 32.81
CIE LCh	54, 72.754, 26.804
Yxy	21.6810, 0.5466, 0.3197
Android (android.graphics.Color)	4293541964 (0xFFEA404C)
YUV	116.1980, -19.8176, 103.3124
Hunter-Lab	46.5629, 60.6222, 21.0467

# Details

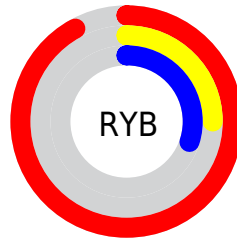
The Hex color **EA404C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **40EADE**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7B7D**, and **AB0020** is the 20% darker color. If you saturate the color by 10%, you get **EA2936**, and if you desaturate by 10%, it is **EA5762**.

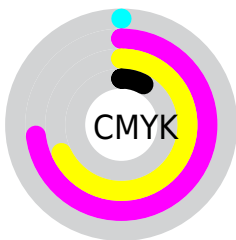
# Distribution



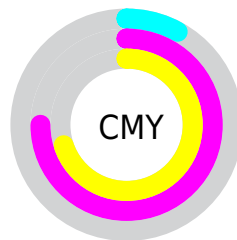
- Red (92%)
- Green (25%)
- Blue (30%)



- Red (92%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (73%)
- Yellow (68%)
- Black (8%)



- Cyan (8%)
- Magenta (75%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA404C 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 EA404C by changing the saturation by 10% instead.



 EA404C

 EA404C

FFFFFF

 CA1B35

 FF7B7D

 AB0020

 FF9897

 8B000B

 FFB5B2


 6C0000

 FFD2CD

 4E0002

 FFF0E9

 300002

 000000

 EA404C

 EA404C

 EA2936

 EA5762

 EA1121

 EA6F77

 EA0011

 EA868D

 EA9EA3

 EAB5B9

 EACCCE

 EAE4E4

 EAFBFA

 EAFFFF

# Harmonies

## Analogous

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



E9358A



EA404C



CF6008

# Triad

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



EA404C



009735



008AFF

# Complementary

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



EA404C



40EADE

# 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.



0097E9



EA404C



009B77

# Square

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



EA404C



648D00



009CB7



6B73F1

# Rectangle

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



EA404C



B27300



009CB7



0090FB



# Sweetspot

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



EA404C



FFC7CB



DC40EA



805E61



000000



808080



# Same Dimension

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



EA404C



FF2131



EA8740



756A6A



B5000D



360004



# Inverse Universe

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



EA404C



FF2131



40A3EA



756A6A



B5000D



360004



# Previews

## White Background



This preview shows how the Hex color EA404C looks on a white background.

## Color Contrast Check

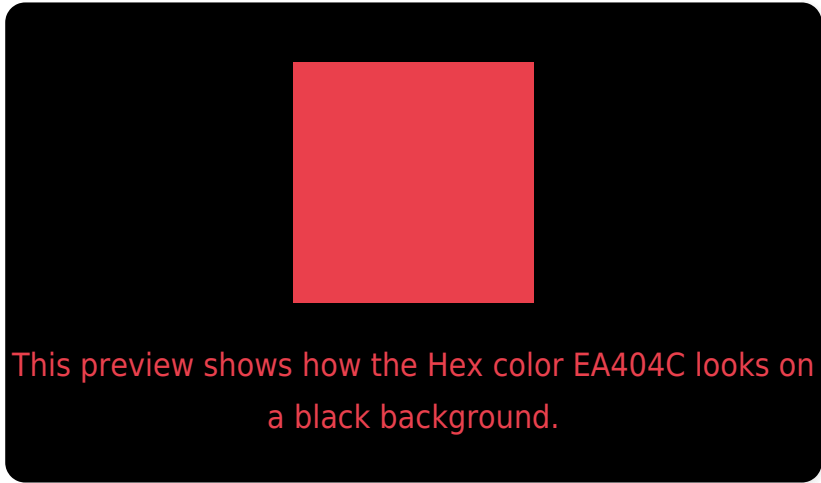
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA404C Background



This preview shows how black text looks on a background with the Hex color EA404C.

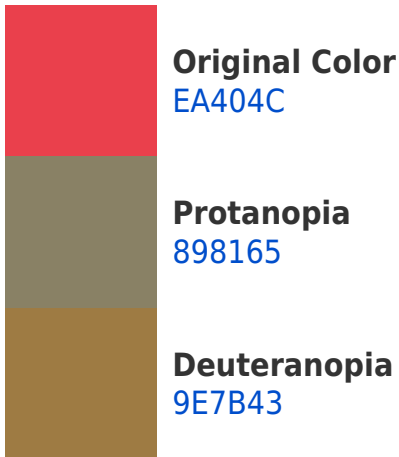


This preview shows how white text looks on a background with the Hex color EA404C.

# 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



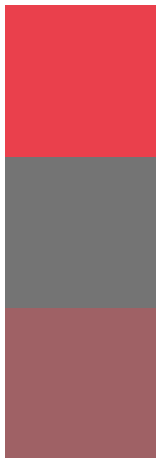
**Original Color**  
EA404C

**Protanomaly**  
AC695C

**Deuteranomaly**  
BA6646

**Tritanomaly**  
EA4147

# Monochromacy



**Original Color**  
EA404C

**Achromatopsia**  
747474

**Achromatomaly**  
9F6165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA404C 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 #EA404C looks like.

```
.text, #text, p{  
    color:#EA404C  
}
```

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 #EA404C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA404C
}
```

## Border

The CSS property to change the border of an element to Hex EA404C 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
#EA404C }
```

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

```
.border{ border-color:#EA404C }
```

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

Here you see how a box with a 4 pixel #EA404C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA404C; -webkit-box-shadow:4px 4px  
4px 4px #EA404C; box-shadow:4px 4px 4px  
4px #EA404C }
```

# Background

The CSS property to change the background color of an element to Hex EA404C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA404C }
```

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

```
.background{ background-color:#EA404C }
```

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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