

Converting Colors

RGB(231, 85, 106)

Have a look what the booklet for
RGB(231, 85, 106) contains.

RGB(231, 85, 106)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(231, 85, 106)

Conversions

Conversions Part 1

Format	Color
Hex	E7556A
RGB	231, 85, 106
RGB Percent	91%, 33%, 42%
CMY	0.0941, 0.6667, 0.5843
CMYK	0.00, 0.63, 0.54, 0.09
HSL	351°, 75%, 62%
HSV	351°, 63%, 91%
XYZ	38.8050, 24.5265, 16.3245
YIQ	131.0480, 80.2750, 37.4830

Conversions

Conversions Part 2

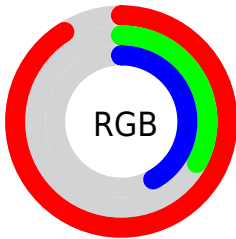
Format	Color
R_{YB}	231, 85, 106
Decimal	15160682
CIE _{Lab}	56.61, 57.95, 18.94
CIE _{LCh}	57, 60.964, 18.103
Yxy	24.5265, 0.4872, 0.3079
Android (android.graphics.Color)	4293350762 (0xFFE7556A)
YUV	131.0480, -12.3487, 87.6579
Hunter-Lab	49.5243, 53.1972, 15.1234

Details

The RGB color **231, 85, 106** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **85, 231, 210**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **255, 141, 157**, and **170, 20, 59** is the 20% darker color. If you saturate the color by 10%, you get **231, 62, 86**, and if you desaturate by 10%, it is **231, 108, 126**.

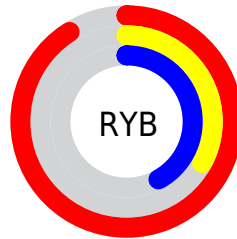
Distribution



Red (91%)

Green (33%)

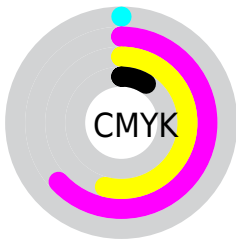
Blue (42%)



Red (91%)

Yellow (33%)

Blue (42%)

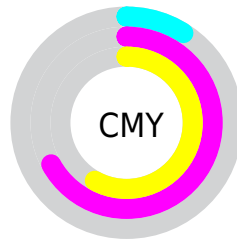


Cyan (0%)

Magenta (63%)

Yellow (54%)

Black (9%)



Cyan (9%)

Magenta (67%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 85, 106 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 RGB color 231, 85, 106 by changing the saturation by 10% instead.

 231, 85, 106  231, 85, 106

255, 255, 255  200, 56, 82

 255, 141, 157  170, 20, 59

 255, 169, 184  140, 0, 38

 255, 198, 212  110, 0, 18

 255, 227, 240  80, 0, 0


 52, 0, 2


 1, 0, 0


 0, 0, 0


 231, 85, 106  231, 85, 106


 231, 62, 86


 231, 108, 126


 231, 39, 66

 231, 131, 146

 231, 16, 47

 231, 154, 165

 231, 0, 33

 231, 177, 185

 231, 201, 205

 231, 224, 225

 231, 247, 244

 231, 255, 255

Harmonies

Analogous

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



221, 86, 159



231, 85, 106



215, 103, 58

Triad

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



231, 85, 106



66, 154, 60



0, 148, 240

Complementary

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



231, 85, 106



85, 231, 210

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.



0, 157, 214



231, 85, 106



0, 159, 112

Square

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



231, 85, 106



131, 143, 14



0, 161, 167



92, 131, 237

Rectangle

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



231, 85, 106



193, 119, 29



0, 161, 167



0, 152, 234

Sweetspot

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



231, 85, 106



255, 207, 214



209, 85, 231



128, 98, 102



0, 0, 0



128, 128, 128

Same Dimension

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



231, 85, 106



255, 61, 89



231, 136, 85



115, 103, 105



179, 0, 26



51, 0, 7

Inverse Universe

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



231, 85, 106



255, 61, 89



85, 180, 231



115, 103, 105



179, 0, 26



51, 0, 7

Previews

White Background



This preview shows how the RGB color 231, 85, 106 looks on a white background.

Color Contrast Check

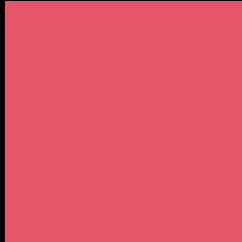
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 231, 85, 106 looks on a 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](#).

RGB 231, 85, 106 Background



This preview shows how black text looks on a background with the RGB color 231, 85, 106.

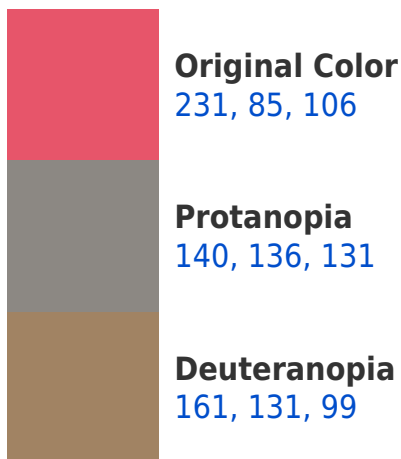


This preview shows how white text looks on a background with the RGB color 231, 85, 106.

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](#).

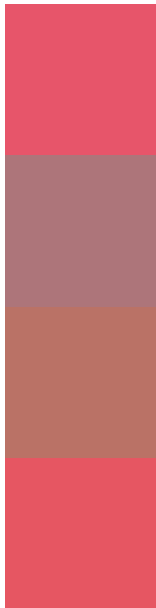
Dichromacy





Tritanopia
230, 87, 93

Trichromacy



Original Color

231, 85, 106

Protanomaly

173, 117, 122

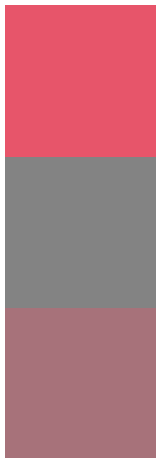
Deuteranomaly

186, 114, 102

Tritanomaly

230, 86, 98

Monochromacy



Original Color

231, 85, 106

Achromatopsia

131, 131, 131

Achromatomaly

167, 114, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 85, 106 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 `rgb(231, 85, 106)` looks like.

```
.text, #text, p{  
    color:rgb(231, 85, 106)  
}
```

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 rgb(231, 85, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 85, 106) }
```

Border

The CSS property to change the border of an element to RGB 231, 85, 106 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 rgb(231, 85, 106) }
```

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

```
.border{ border-color:rgb(231, 85, 106) }
```

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

Here you see how a box with a 4 pixel rgb(231, 85, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 85, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 85, 106);  
box-shadow:4px 4px 4px 4px rgb(231, 85,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 231, 85, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 85, 106) }
```

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

```
.background{ background-color: rgb(231, 85,  
106) }
```

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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