

Converting Colors

`RYB(237, 86, 156)`

Have a look what the booklet for
RYB(237, 86, 156) contains.

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Color

RYB(237, 86, 156)

Conversions

Conversions Part 1

Format	Color
Hex	ED569C
RGB	237, 86, 156
RGB Percent	93%, 34%, 61%
CMY	0.0706, 0.6627, 0.3882
CMYK	0.00, 0.64, 0.34, 0.07
HSL	332°, 81%, 63%
HSV	332°, 64%, 93%
XYZ	44.2536, 27.0604, 34.3432
YIQ	139.1290, 67.5260, 53.7820

Conversions

Conversions Part 2

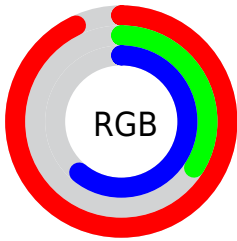
Format	Color
R _Y B	237, 86, 156
Decimal	15554204
CIE Lab	59.03, 64.13, -6.78
CIE LCh	59, 64.483, 353.965
Yxy	27.0604, 0.4188, 0.2561
Android (android.graphics.Color)	4293744284 (0xFFED569C)
YUV	139.1290, 8.3174, 85.8329
Hunter-Lab	52.0196, 60.8174, -2.7294

Details

The RYB color **237, 86, 156** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **86, 184, 237**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **255, 143, 210**, and **177, 15, 105** is the 20% darker color. If you saturate the color by 10%, you get **237, 62, 143**, and if you desaturate by 10%, it is **237, 110, 169**.

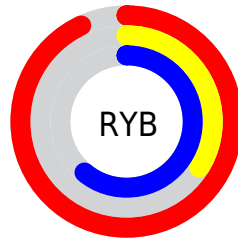
Distribution



Red (93%)

Green (34%)

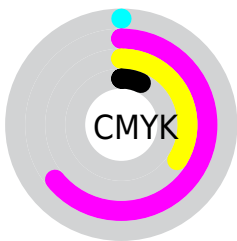
Blue (61%)



Red (93%)

Yellow (34%)

Blue (61%)

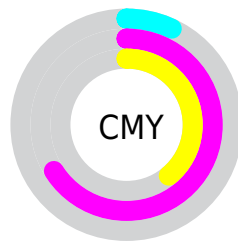


Cyan (0%)

Magenta (64%)

Yellow (34%)

Black (7%)



Cyan (7%)















Magenta (66%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 86, 156 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 RYB color 237, 86, 156 by changing the saturation by 10% instead.

 237, 86, 156	 237, 86, 156
255, 255, 255	 207, 56, 130
 255, 143, 210	 177, 15, 105
 255, 172, 239	 147, 0, 81
 255, 201, 255	 118, 0, 58
 255, 231, 255	 90, 0, 36
	 64, 0, 15
	 30, 0, 1
	 0, 0, 0

 237, 86, 156  237, 86, 156

■ 237, 62, 143

■ 237, 110, 169

■ 237, 39, 131

■ 237, 133, 181

■ 237, 15, 118

■ 237, 157, 194

■ 237, 0, 110

■ 237, 181, 207

■ 237, 204, 220

■ 237, 228, 232

■ 237, 247, 252

■ 237, 246, 255

Harmonies

Analogous

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



199, 106, 209



237, 86, 156



242, 90, 100

Triad

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



237, 86, 156



18, 152, 44



0, 96, 233

Complementary

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



237, 86, 156



86, 184, 237

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, 88, 187



237, 86, 156



43, 140, 163

Square

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



237, 86, 156



58, 179, 0



0, 95, 168



0, 95, 255

Rectangle

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



237, 86, 156



230, 116, 65



0, 95, 168



0, 95, 220

Sweetspot

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



237, 86, 156



255, 207, 229



167, 86, 237



128, 98, 112



0, 0, 0



128, 128, 128

Same Dimension

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



237, 86, 156



255, 61, 151



237, 91, 86



117, 106, 111



181, 0, 84



54, 0, 25

Inverse Universe

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



237, 86, 156



255, 61, 151



86, 160, 237



117, 106, 111



181, 0, 84



54, 0, 25

Previews

White Background



This preview shows how the RYB color 237, 86, 156 looks on a white background.

Color Contrast Check

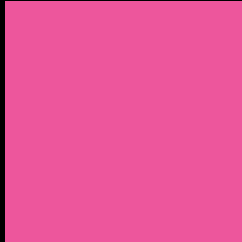
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 237, 86, 156 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](#).

RYB 237, 86, 156 Background



This preview shows how black text looks on a background with the RYB color 237, 86, 156.

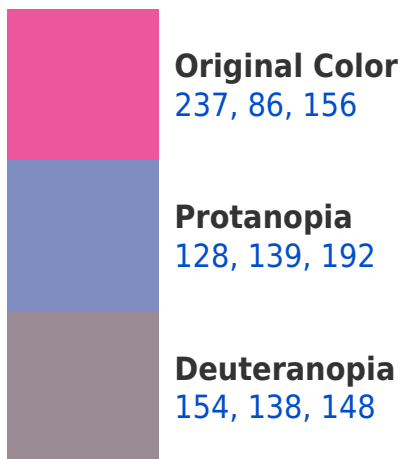


This preview shows how white text looks on a background with the RYB color 237, 86, 156.

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
233, 98, 104

Trichromacy



Original Color

237, 86, 156



Protanomaly

168, 121, 179



Deuteranomaly

184, 119, 151



Tritanomaly

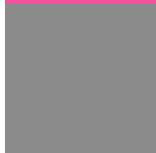
234, 94, 123

Monochromacy



Original Color

237, 86, 156



Achromatopsia

139, 139, 139



Achromatomaly

175, 120, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 86, 156 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(237, 86, 156)` looks like.

```
.text, #text, p{  
    color:rgb(237, 86, 156)  
}
```

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(237, 86, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 86, 156) }
```

Border

The CSS property to change the border of an element to RYB 237, 86, 156 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(237, 86, 156) }
```

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

```
.border{ border-color:rgb(237, 86, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 86, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 86, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 86, 156);  
box-shadow:4px 4px 4px 4px rgb(237, 86,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 237, 86, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 86, 156) }
```

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

```
.background{ background-color: rgb(237, 86,  
156) }
```

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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