

Converting Colors

`RYB(236, 101, 150)`

Have a look what the booklet for
RYB(236, 101, 150) contains.

RYB(236, 101, 150)	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

`RYB(236, 101, 150)`

Conversions

Conversions Part 1

Format	Color
Hex	EC6596
RGB	236, 101, 150
RGB Percent	93%, 40%, 59%
CMY	0.0745, 0.6039, 0.4118
CMYK	0.00, 0.57, 0.36, 0.07
HSL	338°, 78%, 66%
HSV	338°, 57%, 93%
XYZ	44.7508, 29.3422, 32.1592
YIQ	146.9510, 64.7310, 43.8590

Conversions

Conversions Part 2

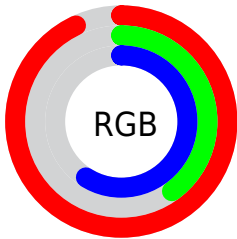
Format	Color
R _Y B	236, 101, 150
Decimal	15492502
CIE Lab	61.08, 56.73, -0.29
CIE LCh	61, 56.726, 359.706
Yxy	29.3422, 0.4212, 0.2762
Android (android.graphics.Color)	4293682582 (0xFFEC6596)
YUV	146.9510, 1.5032, 78.0960
Hunter-Lab	54.1685, 52.6713, 2.7182

Details

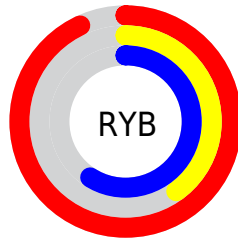
The RYB color **236, 101, 150** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **101, 183, 236**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 157, 204**, and **176, 43, 99** is the 20% darker color. If you saturate the color by 10%, you get **236, 77, 135**, and if you desaturate by 10%, it is **236, 125, 165**.

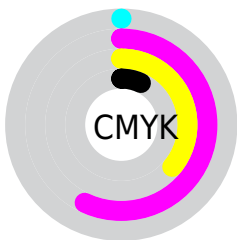
Distribution



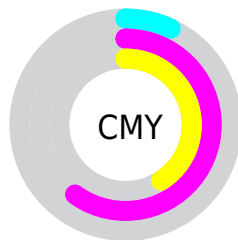
- Red (93%)
- Green (40%)
- Blue (59%)



- Red (93%)
- Yellow (40%)
- Blue (59%)



- Cyan (0%)
- Magenta (57%)
- Yellow (36%)
- Black (7%)



- Cyan (7%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 101, 150 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 236, 101, 150 by changing the saturation by 10% instead.

 236, 101, 150

 236, 101, 150

255, 255, 255

 206, 73, 124

 255, 157, 204

 176, 43, 99

 255, 185, 232

 147, 0, 76

 255, 214, 255

 118, 0, 53

 255, 243, 255

 90, 0, 32


 64, 0, 8

 32, 0, 1

 0, 0, 0

 236, 101, 150


 236, 101, 150

 236, 77, 135

 236, 125, 165

 236, 54, 120

 236, 148, 180

 236, 30, 105

 236, 172, 195

 236, 7, 90

 236, 195, 210

 236, 0, 86

 236, 219, 225

 236, 240, 243

 236, 246, 255

Harmonies

Analogous

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



208, 113, 199



236, 101, 150



236, 107, 101

Triad

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



236, 101, 150



53, 159, 88



0, 97, 233

Complementary

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



236, 101, 150



101, 183, 236

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, 91, 196



236, 101, 150



50, 136, 168

Square

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



236, 101, 150



75, 174, 38



0, 93, 171



0, 95, 248

Rectangle

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



236, 101, 150



223, 140, 72



0, 93, 171



0, 96, 223

Sweetspot

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



236, 101, 150



255, 212, 227



187, 101, 236



128, 102, 111



0, 0, 0



128, 128, 128

Same Dimension

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



236, 101, 150



255, 79, 143



236, 122, 101



117, 106, 110



181, 0, 66



54, 0, 19

Inverse Universe

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



236, 101, 150



255, 79, 143



101, 164, 236



117, 106, 110



181, 0, 66



54, 0, 19

Previews

White Background



This preview shows how the RYB color 236, 101, 150 looks on a white background.

Color Contrast Check

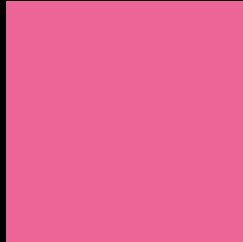
Large Text (above 18pt) WCAG AA ✓ Pass

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 236, 101, 150 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 236, 101, 150 Background



This preview shows how black text looks on a background with the RYB color 236, 101, 150.

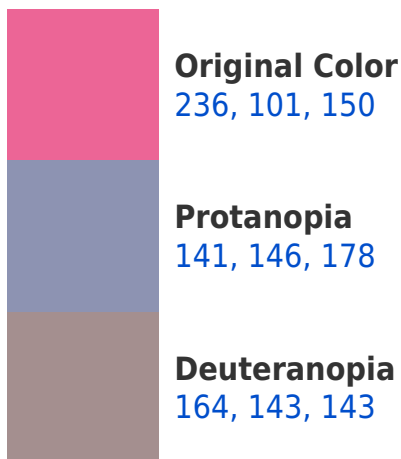



This preview shows how white text looks on a background with the RYB color 236, 101, 150.

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





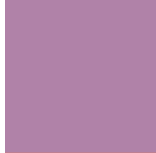
Tritanopia
233, 108, 115

Trichromacy



Original Color

236, 101, 150



Protanomaly

176, 130, 168



Deuteranomaly

190, 128, 146



Tritanomaly

234, 105, 128

Monochromacy



Original Color

236, 101, 150



Achromatopsia

147, 147, 147



Achromatomaly

179, 130, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 101, 150 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(236, 101, 150)` looks like.

```
.text, #text, p{  
    color:rgb(236, 101, 150)  
}
```

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(236, 101, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 101, 150) }
```

Border

The CSS property to change the border of an element to RYB 236, 101, 150 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(236, 101, 150) }
```

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

```
.border{ border-color:rgb(236, 101, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 101, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 101, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 101, 150);  
box-shadow:4px 4px 4px 4px rgb(236, 101,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 236, 101, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 101, 150) }
```

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

```
.background{ background-color: rgb(236,  
101, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor