

Converting Colors

`RYB(236, 103, 152)`

Have a look what the booklet for
RYB(236, 103, 152) contains.

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Color

`RYB(236, 103, 152)`

Conversions

Conversions Part 1

Format	Color
Hex	EC6798
RGB	236, 103, 152
RGB Percent	93%, 40%, 60%
CMY	0.0745, 0.5961, 0.4039
CMYK	0.00, 0.56, 0.36, 0.07
HSL	338°, 78%, 66%
HSV	338°, 56%, 93%
XYZ	45.1098, 29.8004, 33.0803
YIQ	148.3530, 63.5390, 43.4350

Conversions

Conversions Part 2

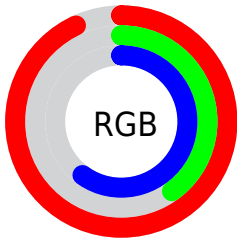
Format	Color
R_{YB}	236, 103, 152
Decimal	15493016
CIE _{Lab}	61.48, 56.04, -0.86
CIE _{LCh}	61, 56.049, 359.118
Yxy	29.8004, 0.4177, 0.2760
Android (android.graphics.Color)	4293683096 (0xFFEC6798)
YUV	148.3530, 1.7980, 76.8664
Hunter-Lab	54.5897, 51.9702, 2.2843

Details

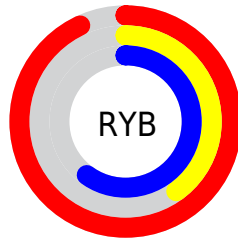
The RYB color **236, 103, 152** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **103, 185, 236**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 159, 206**, and **176, 46, 101** is the 20% darker color. If you saturate the color by 10%, you get **236, 79, 137**, and if you desaturate by 10%, it is **236, 127, 167**.

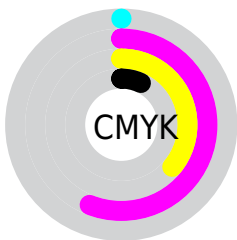
Distribution



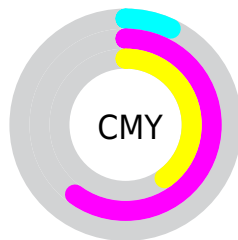
- Red (93%)
- Green (40%)
- Blue (60%)



- Red (93%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (56%)
- Yellow (36%)
- Black (7%)



- Cyan (7%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 103, 152 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, 103, 152 by changing the saturation by 10% instead.

 236, 103, 152

 236, 103, 152

255, 255, 255

 206, 75, 126

 255, 159, 206

 176, 46, 101

 255, 187, 234

 147, 4, 77

 255, 216, 255

 119, 0, 55

 255, 245, 255

 90, 0, 34

 65, 0, 10

 33, 0, 1

 0, 0, 0

 236, 103, 152

 236, 103, 152

 236, 79, 137

 236, 127, 167


 236, 56, 122

 236, 150, 182

 236, 32, 107

 236, 174, 197

 236, 9, 92

 236, 197, 212

 236, 0, 87

 236, 221, 227

 236, 242, 245

 236, 246, 255

Harmonies

Analogous

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



207, 115, 200



236, 103, 152



237, 109, 103

Triad

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



236, 103, 152



55, 160, 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, 103, 152



103, 185, 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, 195



236, 103, 152



56, 139, 168

Square

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



236, 103, 152



81, 176, 41



0, 93, 172



0, 95, 248

Rectangle

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



236, 103, 152



224, 139, 75



0, 93, 172



0, 96, 222

Sweetspot

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



236, 103, 152



255, 212, 228



185, 103, 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, 103, 152



255, 82, 145



236, 121, 103



117, 106, 110



181, 0, 67



54, 0, 20

Inverse Universe

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



236, 103, 152



255, 82, 145



103, 165, 236



117, 106, 110



181, 0, 67



54, 0, 20

Previews

White Background



This preview shows how the RYB color 236, 103, 152 looks on a white background.

Color Contrast Check

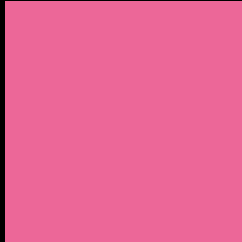
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103, 152 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, 103, 152 Background



This preview shows how black text looks on a background with the RYB color 236, 103, 152.

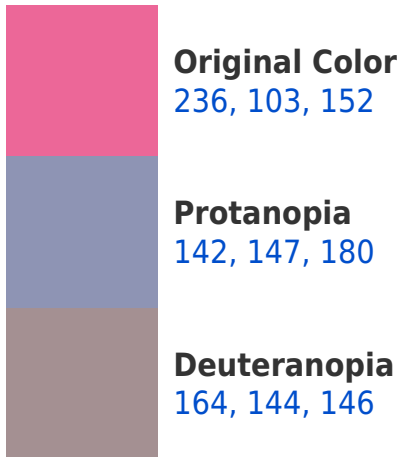


This preview shows how white text looks on a background with the RYB color 236, 103, 152.

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, 110, 117

Trichromacy



Original Color

236, 103, 152



Protanomaly

176, 132, 170



Deuteranomaly

190, 129, 148



Tritanomaly

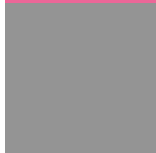
234, 107, 130

Monochromacy



Original Color

236, 103, 152



Achromatopsia

148, 148, 148



Achromatomaly

180, 132, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 103, 152 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, 103, 152) looks like.

```
.text, #text, p{  
    color:rgb(236, 103, 152)  
}
```

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, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 103, 152) }
```

Border

The CSS property to change the border of an element to RYB 236, 103, 152 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, 103, 152) }
```

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

```
.border{ border-color:rgb(236, 103, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 103, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 103, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 103, 152);  
box-shadow:4px 4px 4px 4px rgb(236, 103,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 236, 103, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 103, 152) }
```

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

```
.background{ background-color: rgb(236,  
103, 152) }
```

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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