

Converting Colors

`RYB(246, 83, 162)`

Have a look what the booklet for
RYB(246, 83, 162) contains.

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Color

R_YB(246, 83, 162)

Conversions

Conversions Part 1

Format	Color
Hex	F653A2
RGB	246, 83, 162
RGB Percent	96%, 33%, 64%
CMY	0.0353, 0.6745, 0.3647
CMYK	0.00, 0.66, 0.34, 0.04
HSL	331°, 90%, 65%
HSV	331°, 66%, 96%
XYZ	47.6209, 28.3880, 37.1519
YIQ	140.7430, 71.7890, 59.1250

Conversions

Conversions Part 2

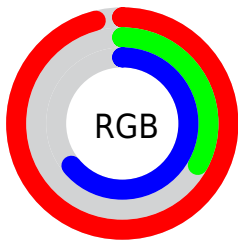
Format	Color
R_{YB}	246, 83, 162
Decimal	16143266
CIE _{Lab}	60.24, 68.51, -8.31
CIE _{LCh}	60, 69.013, 353.083
Yxy	28.3880, 0.4208, 0.2509
Android (android.graphics.Color)	4294333346 (0xFFFF653A2)
YUV	140.7430, 10.4797, 92.3104
Hunter-Lab	53.2804, 66.2989, -4.0462

Details

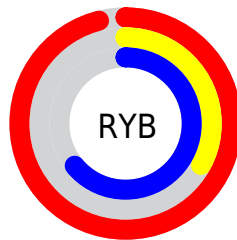
The RYB color **246, 83, 162** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **83, 191, 246**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **255, 142, 217**, and **185, 0, 110** is the 20% darker color. If you saturate the color by 10%, you get **246, 58, 149**, and if you desaturate by 10%, it is **246, 108, 175**.

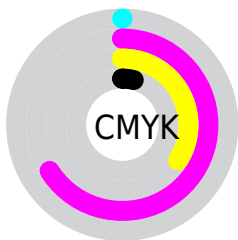
Distribution



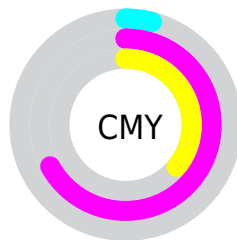
- Red (96%)
- Green (33%)
- Blue (64%)



- Red (96%)
- Yellow (33%)
- Blue (64%)



- Cyan (0%)
- Magenta (66%)
- Yellow (34%)
- Black (4%)

















- Cyan (4%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 83, 162 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 246, 83, 162 by changing the saturation by 10% instead.

 246, 83, 162	 246, 83, 162
255, 255, 255	 215, 51, 136
 255, 142, 217	 185, 0, 110
 255, 171, 245	 155, 0, 86
 255, 200, 255	 126, 0, 63
 255, 230, 255	 97, 0, 41
	 70, 0, 21
	 40, 0, 1
	 0, 0, 0

 246, 83, 162	 246, 83, 162
--	--

■ 246, 58, 149

■ 246, 108, 175

■ 246, 34, 137

■ 246, 132, 187

■ 246, 9, 124

■ 246, 157, 200

■ 246, 0, 119

■ 246, 181, 213

■ 246, 206, 225

■ 246, 231, 238

■ 246, 252, 255

■ 246, 251, 255

Harmonies

Analogous

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



204, 106, 219



246, 83, 162



252, 87, 101

Triad

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



246, 83, 162



0, 156, 27



0, 100, 242

Complementary

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



246, 83, 162



83, 191, 246

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, 191



246, 83, 162



36, 142, 167

Square

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



246, 83, 162



67, 186, 0



0, 98, 172



0, 97, 255

Rectangle

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



246, 83, 162



239, 114, 64



0, 98, 172



0, 98, 227

Sweetspot

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



246, 83, 162



255, 204, 229



165, 83, 246



128, 97, 112



0, 0, 0



128, 128, 128

Same Dimension

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



246, 83, 162



255, 51, 150



246, 83, 83



122, 110, 116



186, 0, 90



59, 0, 28

Inverse Universe

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



246, 83, 162



255, 51, 150



83, 165, 246



122, 110, 116



186, 0, 90



59, 0, 28

Previews

White Background



This preview shows how the RYB color 246, 83, 162 looks on a white background.

Color Contrast Check

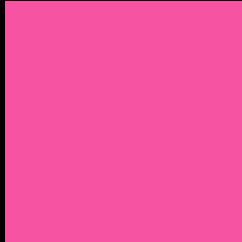
Large Text (above 18pt) WCAG AA ✓ Pass

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 246, 83, 162 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 246, 83, 162 Background



This preview shows how black text looks on a background with the RYB color 246, 83, 162.

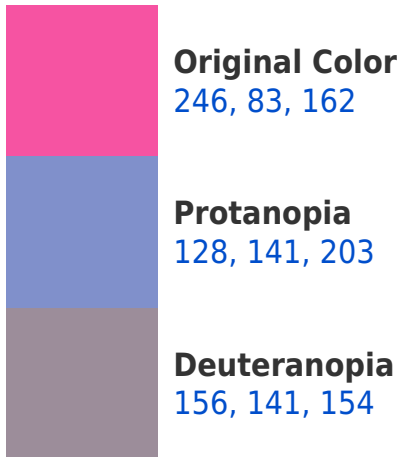


This preview shows how white text looks on a background with the RYB color 246, 83, 162.

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
242, 97, 103

Trichromacy



Original Color

246, 83, 162



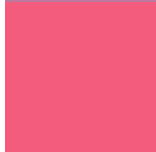
Protanomaly

171, 122, 188



Deuteranomaly

189, 120, 157



Tritanomaly

243, 92, 124

Monochromacy



Original Color

246, 83, 162



Achromatopsia

141, 141, 141



Achromatomaly

179, 120, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 83, 162 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(246, 83, 162) looks like.

```
.text, #text, p{  
    color:rgb(246, 83, 162)  
}
```

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(246, 83, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 83, 162) }
```

Border

The CSS property to change the border of an element to RYB 246, 83, 162 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(246, 83, 162) }
```

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

```
.border{ border-color:rgb(246, 83, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 83, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 83, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 83, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 83,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 246, 83, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 83, 162) }
```

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

```
.background{ background-color: rgb(246, 83,  
162) }
```

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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