

Converting Colors

`RYB(246, 123, 172)`

Have a look what the booklet for
RYB(246, 123, 172) contains.

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Color

`RYB(246, 123, 172)`

Conversions

Conversions Part 1

Format	Color
Hex	F67BAC
RGB	246, 123, 172
RGB Percent	96%, 48%, 67%
CMY	0.0353, 0.5176, 0.3255
CMYK	0.00, 0.50, 0.30, 0.04
HSL	336°, 87%, 72%
HSV	336°, 50%, 96%
XYZ	52.5354, 36.7373, 43.3518
YIQ	165.3630, 57.5790, 41.3150

Conversions

Conversions Part 2

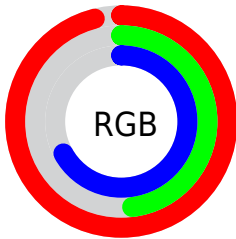
Format	Color
R _Y B	246, 123, 172
Decimal	16153516
CIE Lab	67.08, 52.24, -3.89
CIE LCh	67, 52.381, 355.737
Yxy	36.7373, 0.3961, 0.2770
Android (android.graphics.Color)	4294343596 (0xFFFF67BAC)
YUV	165.3630, 3.2720, 70.7186
Hunter-Lab	60.6113, 48.6467, 0.0212

Details

The RYB color **246, 123, 172** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **123, 200, 246**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 179, 227**, and **187, 69, 120** is the 20% darker color. If you saturate the color by 10%, you get **246, 98, 157**, and if you desaturate by 10%, it is **246, 148, 187**.

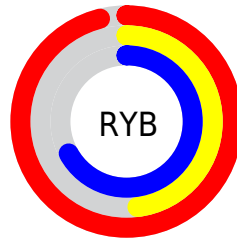
Distribution



Red (96%)

Green (48%)

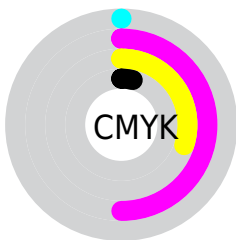
Blue (67%)



Red (96%)

Yellow (48%)

Blue (67%)

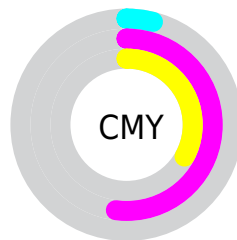


Cyan (0%)

Magenta (50%)

Yellow (30%)

Black (4%)



Cyan (4%)

Magenta (52%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 123, 172 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, 123, 172 by changing the saturation by 10% instead.


 246, 123, 172

255, 255, 255

 255, 179, 227

 255, 207, 255

 255, 236, 255

 246, 123, 172

 216, 96, 145

 187, 69, 120

 158, 40, 95

 129, 0, 72


 101, 0, 49

 74, 0, 28

 50, 0, 2

 0, 0, 0

 246, 123, 172

 246, 123, 172

■ 246, 98, 157

■ 246, 148, 187

■ 246, 74, 142

■ 246, 172, 202

■ 246, 49, 128

■ 246, 197, 216

■ 246, 25, 113

■ 246, 221, 231

■ 246, 0, 98

■ 246, 246, 246

■ 246, 251, 255

Harmonies

Analogous

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



215, 135, 217



246, 123, 172



250, 126, 125

Triad

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



246, 123, 172



74, 173, 97



0, 103, 240

Complementary

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



246, 123, 172



123, 200, 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, 97, 203



246, 123, 172



91, 168, 182

Square

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



246, 123, 172



119, 196, 65



0, 101, 186



42, 122, 255

Rectangle

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



246, 123, 172



240, 148, 98



0, 101, 186



0, 102, 230

Sweetspot

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



246, 123, 172



255, 217, 232



197, 123, 246



128, 105, 114



0, 0, 0



128, 128, 128

Same Dimension

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



246, 123, 172



255, 102, 163



246, 136, 123



122, 110, 115



186, 0, 74



59, 0, 23

Inverse Universe

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



246, 123, 172



255, 102, 163



123, 181, 246



122, 110, 115



186, 0, 74



59, 0, 23

Previews

White Background



This preview shows how the RYB color 246, 123, 172 looks on a white background.

Color Contrast Check

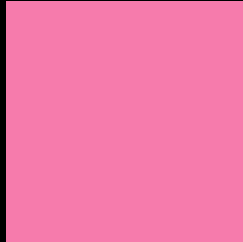
Large Text (above 18pt) WCAG AA × Fail

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, 123, 172 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 246, 123, 172 Background



This preview shows how black text looks on a background with the RYB color 246, 123, 172.



This preview shows how white text looks on a background with the RYB color 246, 123, 172.

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



Original Color
246, 123, 172

Protanopia
156, 161, 197

Deuteranopia
178, 159, 166



Tritanopia
243, 129, 139

Trichromacy



Original Color

246, 123, 172



Protanomaly

189, 148, 188



Deuteranomaly

203, 146, 168



Tritanomaly

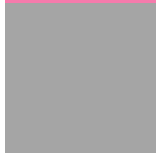
244, 127, 151

Monochromacy



Original Color

246, 123, 172



Achromatopsia

165, 165, 165



Achromatomaly

194, 150, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 123, 172 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, 123, 172) looks like.

```
.text, #text, p{  
    color:rgb(246, 123, 172)  
}
```

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, 123, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 123, 172) }
```

Border

The CSS property to change the border of an element to RYB 246, 123, 172 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, 123, 172) }
```

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

```
.border{ border-color:rgb(246, 123, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 123, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 123, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 123, 172);  
box-shadow:4px 4px 4px 4px rgb(246, 123,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 246, 123, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 123, 172) }
```

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

```
.background{ background-color: rgb(246,  
123, 172) }
```

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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