

Converting Colors

`RYB(240, 126, 181)`

Have a look what the booklet for
RYB(240, 126, 181) contains.

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Color

R_YB(240, 126, 181)

Conversions

Conversions Part 1

Format	Color
Hex	F07EB5
RGB	240, 126, 181
RGB Percent	94%, 49%, 71%
CMY	0.0588, 0.5059, 0.2902
CMYK	0.00, 0.47, 0.25, 0.06
HSL	331°, 79%, 72%
HSV	331°, 48%, 94%
XYZ	51.7365, 36.7832, 48.0891
YIQ	166.3560, 50.2890, 41.2730

Conversions

Conversions Part 2

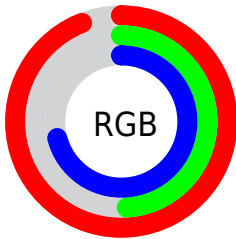
Format	Color
R _Y B	240, 126, 181
Decimal	15761077
CIE Lab	67.11, 50.00, -9.01
CIE LCh	67, 50.802, 349.785
Yxy	36.7832, 0.3787, 0.2693
Android (android.graphics.Color)	4293951157 (0xFFFF07EB5)
YUV	166.3560, 7.2195, 64.5858
Hunter-Lab	60.6491, 46.1328, -4.5571

Details

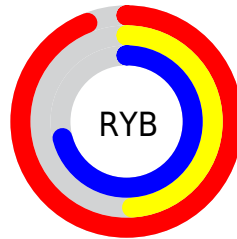
The RYB color **240, 126, 181** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **126, 201, 240**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 181, 237**, and **181, 72, 128** is the 20% darker color. If you saturate the color by 10%, you get **240, 102, 169**, and if you desaturate by 10%, it is **240, 150, 193**.

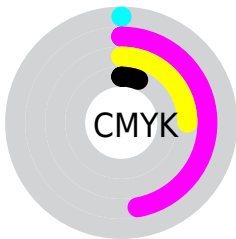
Distribution



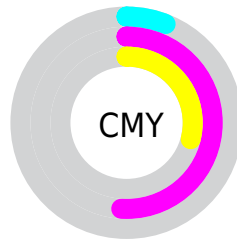
- Red (94%)
- Green (49%)
- Blue (71%)



- Red (94%)
- Yellow (49%)
- Blue (71%)



- Cyan (0%)
- Magenta (47%)
- Yellow (25%)
- Black (6%)





- Cyan (6%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 126, 181 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 240, 126, 181 by changing the saturation by 10% instead.


 240, 126, 181

 240, 126, 181

255, 255, 255

 210, 99, 154

 255, 181, 237

 181, 72, 128


 255, 210, 255

 153, 45, 103

 255, 239, 255

 125, 10, 79


 98, 0, 56

 71, 0, 35

 47, 0, 11

 0, 0, 0

 240, 126, 181

 240, 126, 181

■ 240, 102, 169

■ 240, 150, 193

■ 240, 78, 156

■ 240, 174, 206

■ 240, 54, 144

■ 240, 198, 218

■ 240, 30, 131

■ 240, 222, 231

■ 240, 6, 119

■ 240, 244, 246

■ 240, 0, 116

■ 240, 248, 255

Harmonies

Analogous

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



204, 139, 223



240, 126, 181



249, 126, 135

Triad

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



240, 126, 181



73, 170, 83



0, 102, 232

Complementary

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



240, 126, 181



126, 201, 240

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, 95, 193



240, 126, 181



102, 180, 175

Square

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



240, 126, 181



146, 203, 71



0, 103, 185



0, 103, 253

Rectangle

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



240, 126, 181



242, 139, 107



0, 103, 185



0, 100, 221

Sweetspot

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



240, 126, 181



255, 219, 237



185, 126, 240



128, 106, 116



0, 0, 0



128, 128, 128

Same Dimension

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



240, 126, 181



255, 110, 180



240, 128, 126



120, 108, 114



184, 0, 89



56, 0, 27

Inverse Universe

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



240, 126, 181



255, 110, 180



126, 182, 240



120, 108, 114



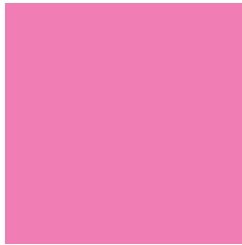
184, 0, 89



56, 0, 27

Previews

White Background



This preview shows how the RYB color 240, 126, 181 looks on a white background.

Color Contrast Check

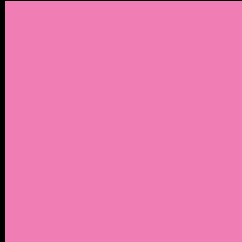
Large Text (above 18pt) WCAG AA × Fail

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 240, 126, 181 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](#).

R Y B 240, 126, 181 Background



This preview shows how black text looks on a background with the R Y B color 240, 126, 181.



This preview shows how white text looks on a background with the R Y B color 240, 126, 181.

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
240, 126, 181

Protanopia
153, 161, 205

Deuteranopia
174, 159, 175



Tritanopia
236, 133, 143

Trichromacy



Original Color

240, 126, 181



Protanomaly

185, 149, 196



Deuteranomaly

198, 147, 177



Tritanomaly

237, 130, 157

Monochromacy



Original Color

240, 126, 181



Achromatopsia

166, 166, 166



Achromatomaly

193, 151, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 126, 181 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(240, 126, 181) looks like.

```
.text, #text, p{  
    color:rgb(240, 126, 181)  
}
```

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(240, 126, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 126, 181) }
```

Border

The CSS property to change the border of an element to RYB 240, 126, 181 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(240, 126, 181) }
```

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

```
.border{ border-color:rgb(240, 126, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 126, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 126, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 126, 181);  
box-shadow:4px 4px 4px 4px rgb(240, 126,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 240, 126, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 126, 181) }
```

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

```
.background{ background-color: rgb(240,  
126, 181) }
```

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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