

Converting Colors

`RYB(240, 145, 186)`

Have a look what the booklet for
RYB(240, 145, 186) contains.

RYB(240, 145, 186)	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

R_YB(240, 145, 186)

Conversions

Conversions Part 1

Format	Color
Hex	F091BA
RGB	240, 145, 186
RGB Percent	94%, 57%, 73%
CMY	0.0588, 0.4314, 0.2706
CMYK	0.00, 0.40, 0.23, 0.06
HSL	334°, 76%, 75%
HSV	334°, 40%, 94%
XYZ	54.9235, 42.3212, 51.7284
YIQ	178.0790, 43.4590, 32.8910

Conversions

Conversions Part 2

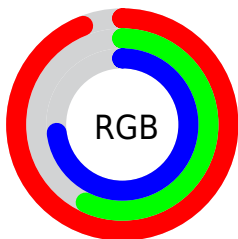
Format	Color
R_{YB}	240, 145, 186
Decimal	15765946
CIE _{Lab}	71.09, 41.07, -5.90
CIE _{LCh}	71, 41.489, 351.825
Yxy	42.3212, 0.3687, 0.2841
Android (android.graphics.Color)	4293956026 (0xFFFF091BA)
YUV	178.0790, 3.9051, 54.3047
Hunter-Lab	65.0548, 36.8556, -1.6062

Details

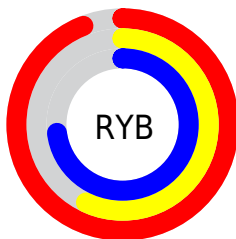
The RYB color **240, 145, 186** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **145, 206, 240**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 200, 242**, and **182, 92, 133** is the 20% darker color. If you saturate the color by 10%, you get **240, 121, 172**, and if you desaturate by 10%, it is **240, 169, 200**.

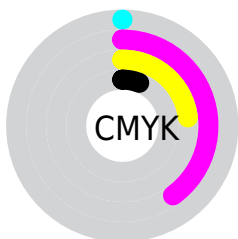
Distribution



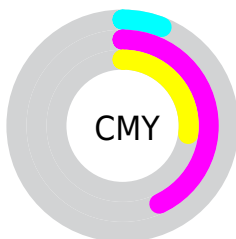
- Red (94%)
- Green (57%)
- Blue (73%)



- Red (94%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (6%)




- Cyan (6%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 145, 186 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, 145, 186 by changing the saturation by 10% instead.


 240, 145, 186

255, 255, 255

 255, 200, 242

 255, 229, 255

 240, 145, 186

 211, 118, 159

 182, 92, 133

 154, 67, 108

 127, 41, 83

 100, 11, 60

 73, 0, 39


 51, 0, 18


 7, 0, 0


 0, 0, 0


 240, 145, 186


 240, 145, 186

 240, 121, 172


 240, 169, 200

 240, 97, 159


 240, 193, 213

 240, 73, 145

 240, 217, 227

 240, 49, 131

 240, 241, 241

 240, 25, 118

 240, 248, 255

 240, 1, 104

 240, 248, 255

 240, 0, 104

Harmonies

Analogous

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



211, 154, 221



240, 145, 186



247, 145, 148

Triad

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



240, 145, 186



102, 180, 112



0, 104, 232

Complementary

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



240, 145, 186



145, 206, 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, 99, 201



240, 145, 186



126, 189, 188

Square

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



240, 145, 186



160, 207, 99



73, 142, 193



96, 151, 248

Rectangle

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



240, 145, 186



241, 159, 125



73, 142, 193



0, 103, 223

Sweetspot

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



240, 145, 186



255, 224, 238



199, 145, 240



128, 110, 117



0, 0, 0



128, 128, 128

Same Dimension

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



240, 145, 186



255, 133, 185



240, 151, 145



120, 108, 113



184, 0, 79



56, 0, 24

Inverse Universe

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



240, 145, 186



255, 133, 185



145, 191, 240



120, 108, 113



184, 0, 79



56, 0, 24

Previews

White Background



This preview shows how the RYB color 240, 145, 186 looks on a white background.

Color Contrast Check

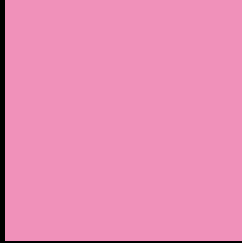
Large Text (above 18pt) WCAG AA × Fail

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, 145, 186 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 240, 145, 186 Background



This preview shows how black text looks on a background with the RYB color 240, 145, 186.



This preview shows how white text looks on a background with the RYB color 240, 145, 186.

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, 145, 186

Protanopia
169, 173, 204

Deuteranopia
188, 169, 182



Tritanopia
237, 150, 161

Trichromacy



Original Color

240, 145, 186



Protanomaly

195, 163, 197



Deuteranomaly

207, 160, 183



Tritanomaly

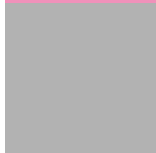
238, 148, 170

Monochromacy



Original Color

240, 145, 186



Achromatopsia

178, 178, 178



Achromatomaly

201, 166, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 145, 186 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, 145, 186) looks like.

```
.text, #text, p{  
    color:rgb(240, 145, 186)  
}
```

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, 145, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 145, 186) }
```

Border

The CSS property to change the border of an element to RYB 240, 145, 186 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, 145, 186) }
```

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

```
.border{ border-color:rgb(240, 145, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 145, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 145, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 145, 186);  
box-shadow:4px 4px 4px 4px rgb(240, 145,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 240, 145, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 145, 186) }
```

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

```
.background{ background-color: rgb(240,  
145, 186) }
```

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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