

Converting Colors

`RYB(240, 186, 212)`

Have a look what the booklet for
RYB(240, 186, 212) contains.

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Color

R_YB(240, 186, 212)

Conversions

Conversions Part 1

Format	Color
Hex	F0BAD4
RGB	240, 186, 212
RGB Percent	94%, 73%, 83%
CMY	0.0588, 0.2706, 0.1686
CMYK	0.00, 0.23, 0.12, 0.06
HSL	331°, 64%, 84%
HSV	331°, 23%, 94%
XYZ	65.3778, 58.3965, 70.1132
YIQ	205.1100, 23.8380, 19.5340

Conversions

Conversions Part 2

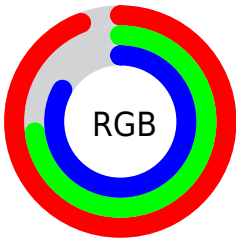
Format	Color
R _Y B	240, 186, 212
Decimal	15776468
CIE Lab	80.96, 23.44, -5.54
CIE LCh	81, 24.087, 346.711
Yxy	58.3965, 0.3372, 0.3012
Android (android.graphics.Color)	4293966548 (0xFFF0BAD4)
YUV	205.1100, 3.3968, 30.5985
Hunter-Lab	76.4176, 18.9817, -0.9063

Details

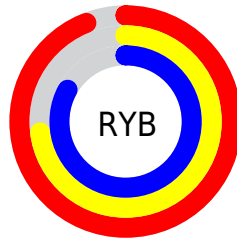
The RYB color **240, 186, 212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **186, 222, 240**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 242, 255**, and **183, 132, 157** is the 20% darker color. If you saturate the color by 10%, you get **240, 162, 200**, and if you desaturate by 10%, it is **240, 210, 224**.

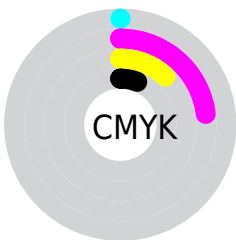
Distribution



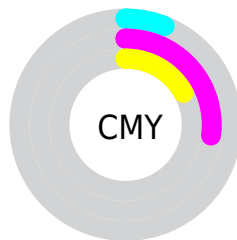
- Red (94%)
- Green (73%)
- Blue (83%)



- Red (94%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (6%)




- Cyan (6%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 186, 212 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, 186, 212 by changing the saturation by 10% instead.

 240, 186, 212

255, 255, 255


 255, 242, 255

 240, 186, 212


 211, 159, 184


 183, 132, 157

 156, 107, 131

 130, 82, 106

 104, 59, 82


 79, 36, 59


 55, 14, 37

 36, 0, 17


 0, 0, 0

 240, 186, 212


 240, 186, 212

 240, 162, 200


 240, 210, 224

 240, 138, 187


 240, 234, 237


 240, 114, 175


 240, 249, 255

 240, 90, 162

 240, 248, 255

 240, 66, 150

 240, 42, 137

 240, 18, 125

 240, 0, 116

Harmonies

Analogous

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



220, 191, 232



240, 186, 212



248, 185, 189

Triad

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



240, 186, 212



159, 205, 158



142, 181, 233

Complementary

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



240, 186, 212



186, 222, 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.



140, 177, 214



240, 186, 212



170, 210, 201

Square

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



240, 186, 212



214, 227, 158



155, 191, 213



162, 191, 244

Rectangle

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



240, 186, 212



246, 189, 175



155, 191, 213



139, 179, 227

Sweetspot

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



240, 186, 212



255, 237, 246



214, 186, 240



128, 117, 122



0, 0, 0



128, 128, 128

Same Dimension

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



240, 186, 212



255, 186, 219



240, 187, 186



120, 108, 114



184, 0, 88



56, 0, 27

Inverse Universe

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



240, 186, 212



255, 186, 219



186, 213, 240



120, 108, 114



184, 0, 88



56, 0, 27

Previews

White Background



This preview shows how the RYB color 240, 186, 212 looks on a white background.

Color Contrast Check

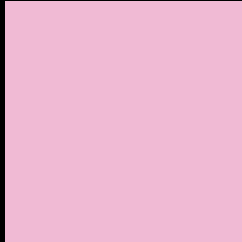
Large Text (above 18pt) WCAG AA × Fail

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, 186, 212 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, 186, 212 Background



This preview shows how black text looks on a background with the RYB color 240, 186, 212.



This preview shows how white text looks on a background with the RYB color 240, 186, 212.

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, 186, 212

Protanopia
199, 200, 221

Deuteranopia
217, 195, 210



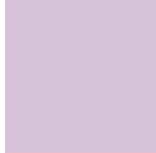
Tritanopia
239, 188, 202

Trichromacy



Original Color

240, 186, 212



Protanomaly

214, 195, 218



Deuteranomaly

225, 192, 211



Tritanomaly

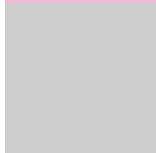
239, 187, 206

Monochromacy



Original Color

240, 186, 212



Achromatopsia

205, 205, 205



Achromatomaly

218, 198, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 186, 212 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, 186, 212) looks like.

```
.text, #text, p{  
    color:rgb(240, 186, 212)  
}
```

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, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 186, 212) }
```

Border

The CSS property to change the border of an element to RYB 240, 186, 212 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, 186, 212) }
```

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

```
.border{ border-color:rgb(240, 186, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(240, 186,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 240, 186, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 186, 212) }
```

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

```
.background{ background-color: rgb(240,  
186, 212) }
```

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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