

Converting Colors

`RYB(240, 168, 225)`

Have a look what the booklet for RYB(240, 168, 225) contains.

RYB(240, 168, 225)	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

`RYB(240, 168, 225)`

Conversions

Conversions Part 1

Format	Color
Hex	F0A8E1
RGB	240, 168, 225
RGB Percent	94%, 66%, 88%
CMY	0.0588, 0.3412, 0.1176
CMYK	0.00, 0.30, 0.06, 0.06
HSL	312°, 71%, 80%
HSV	312°, 30%, 94%
XYZ	63.5284, 51.9668, 77.9164
YIQ	196.0260, 24.6150, 32.9910

Conversions

Conversions Part 2

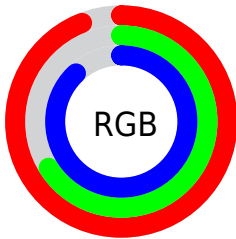
Format	Color
R _Y B	240, 168, 225
Decimal	15771873
CIE Lab	77.26, 35.18, -18.10
CIE LCh	77, 39.560, 332.780
Yxy	51.9668, 0.3285, 0.2687
Android (android.graphics.Color)	4293961953 (0xFFFF0A8E1)
YUV	196.0260, 14.2842, 38.5652
Hunter-Lab	72.0880, 31.1513, -13.6221

Details

The RYB color **240, 168, 225** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168, 228, 240**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 224, 255**, and **183, 115, 170** is the 20% darker color. If you saturate the color by 10%, you get **240, 144, 220**, and if you desaturate by 10%, it is **240, 192, 230**.

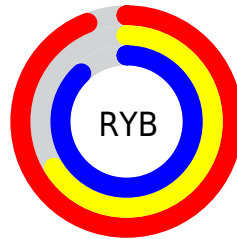
Distribution



Red (94%)

Green (66%)

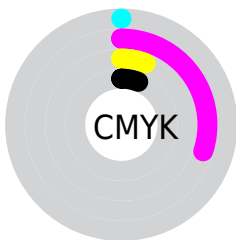
Blue (88%)



Red (94%)

Yellow (66%)

Blue (88%)

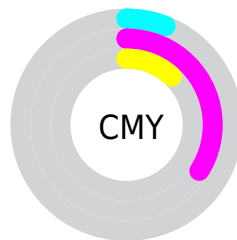


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (6%)



Cyan (6%)


Magenta (34%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 168, 225 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, 168, 225 by changing the saturation by 10% instead.

 240, 168, 225

 240, 168, 225

255, 255, 255

 211, 141, 197

 255, 224, 255

 183, 115, 170

 255, 253, 255


 155, 89, 143

 129, 65, 117

 103, 40, 93


 77, 15, 69


 53, 0, 46


 31, 0, 26


 0, 0, 0

 240, 168, 225


 240, 168, 225

 240, 144, 220


 240, 192, 230

 240, 120, 215


 240, 216, 235

 240, 96, 210


 240, 240, 240

 240, 72, 205

 240, 251, 255

 240, 48, 200

 240, 249, 255

 240, 24, 195

 240, 248, 255

 240, 0, 190

Harmonies

Analogous

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



200, 180, 252



240, 168, 225



255, 162, 189

Triad

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



240, 168, 225



146, 212, 117



45, 132, 229

Complementary

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



240, 168, 225



168, 228, 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.



81, 151, 211



240, 168, 225



128, 200, 155

Square

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



240, 168, 225



243, 215, 127



129, 188, 208



82, 153, 255

Rectangle

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



240, 168, 225



255, 164, 164



129, 188, 208



52, 133, 218

Sweetspot

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



240, 168, 225



255, 232, 250



182, 168, 240



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



240, 168, 225



255, 163, 236



240, 168, 190



120, 108, 117



184, 0, 145



56, 0, 44

Inverse Universe

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



240, 168, 225



255, 163, 236



168, 210, 240



120, 108, 117



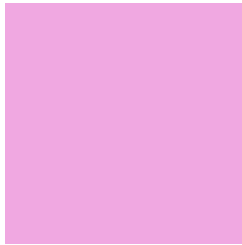
184, 0, 145



56, 0, 44

Previews

White Background



This preview shows how the RYB color 240, 168, 225 looks on a white background.

Color Contrast Check

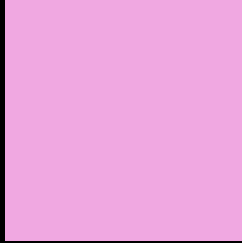
Large Text (above 18pt) WCAG AA × Fail

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, 168, 225 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, 168, 225 Background



This preview shows how black text looks on a background with the RYB color 240, 168, 225.



This preview shows how white text looks on a background with the RYB color 240, 168, 225.

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, 168, 225

Protanopia
179, 188, 240

Deuteranopia
195, 186, 222



Tritanopia
235, 175, 188

Trichromacy



Original Color

240, 168, 225



Protanomaly

201, 181, 235



Deuteranomaly

211, 179, 223



Tritanomaly

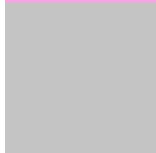
237, 172, 201

Monochromacy



Original Color

240, 168, 225



Achromatopsia

196, 196, 196



Achromatomaly

212, 186, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 168, 225 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, 168, 225) looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 225)  
}
```

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, 168, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 225) }
```

Border

The CSS property to change the border of an element to RYB 240, 168, 225 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, 168, 225) }
```

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

```
.border{ border-color:rgb(240, 168, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 168, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 168, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 168, 225); box-shadow:4px 4px 4px 4px rgb(240, 168, 225) }
```

Background

The CSS property to change the background color of an element to RYB 240, 168, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 225) }
```

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

```
.background{ background-color: rgb(240,  
168, 225) }
```

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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