

Converting Colors

`RYB(248, 113, 232)`

Have a look what the booklet for
RYB(248, 113, 232) contains.

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Color

`RYB(248, 113, 232)`

Conversions

Conversions Part 1

Format	Color
Hex	F871E8
RGB	248, 113, 232
RGB Percent	97%, 44%, 91%
CMY	0.0275, 0.5569, 0.0902
CMYK	0.00, 0.54, 0.06, 0.03
HSL	307°, 91%, 71%
HSV	307°, 54%, 97%
XYZ	59.1820, 37.5929, 80.4809
YIQ	166.9310, 42.2610, 65.6290

Conversions

Conversions Part 2

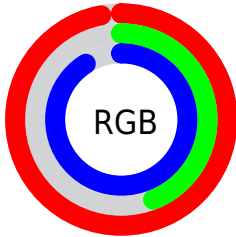
Format	Color
RYB	248, 113, 232
Decimal	16282088
CIELab	67.72, 66.10, -36.49
CIELCh	68, 75.502, 331.101
Yxy	37.5929, 0.3339, 0.2121
Android (android.graphics.Color)	4294472168 (0xFFFF871E8)
YUV	166.9310, 32.0790, 71.0975
Hunter-Lab	61.3131, 64.9981, -34.9062

Details

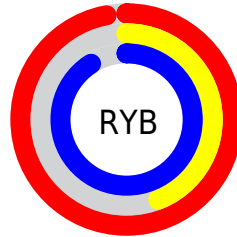
The RYB color **248, 113, 232** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **113, 234, 248**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 170, 255**, and **189, 54, 176** is the 20% darker color. If you saturate the color by 10%, you get **248, 88, 229**, and if you desaturate by 10%, it is **248, 138, 235**.

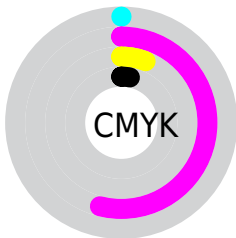
Distribution



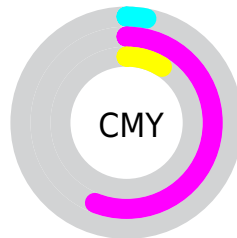
- Red (97%)
- Green (44%)
- Blue (91%)



- Red (97%)
- Yellow (44%)
- Blue (91%)



- Cyan (0%)
- Magenta (54%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (56%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 248, 113, 232 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 248, 113, 232 by changing the saturation by 10% instead.


 248, 113, 232

 248, 113, 232


255, 255, 255

 218, 84, 204

 255, 170, 255

 189, 54, 176

 255, 199, 255

 160, 13, 149

 255, 228, 255

 132, 0, 123

 104, 0, 98

 76, 0, 73

 51, 0, 50

 16, 0, 28

 0, 0, 0

■ 248, 113, 232

■ 248, 113, 232

■ 248, 88, 229

■ 248, 138, 235

■ 248, 63, 226

■ 248, 163, 238

■ 248, 39, 223

■ 248, 187, 241

■ 248, 14, 220

■ 248, 212, 244

■ 248, 0, 219

■ 248, 237, 247

■ 248, 253, 255

■ 248, 252, 255

■ 248, 252, 255

Harmonies

Analogous

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



165, 146, 255



248, 113, 232



255, 93, 165

Triad

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



248, 113, 232



38, 195, 0



0, 106, 234

Complementary

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



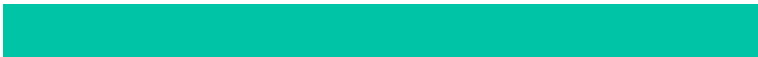
248, 113, 232



113, 234, 248

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, 106, 196



248, 113, 232



26, 181, 81

Square

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



248, 113, 232



248, 224, 37



0, 128, 191



0, 109, 255

Rectangle

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



248, 113, 232



255, 98, 120



0, 128, 191



0, 102, 212

Sweetspot

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



248, 113, 232



255, 214, 250



129, 113, 248



128, 103, 125



0, 0, 0



128, 128, 128

Same Dimension

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



248, 113, 232



255, 89, 235



248, 113, 165



125, 112, 123



189, 0, 166



61, 0, 54

Inverse Universe

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



248, 113, 232



255, 89, 235



113, 197, 248



125, 112, 123



189, 0, 166



61, 0, 54

Previews

White Background



This preview shows how the RYB color 248, 113, 232 looks on a white background.

Color Contrast Check

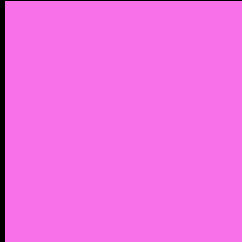
Large Text (above 18pt) WCAG AA × Fail

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 248, 113, 232 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 248, 113, 232 Background



This preview shows how black text looks on a background with the RYB color 248, 113, 232.

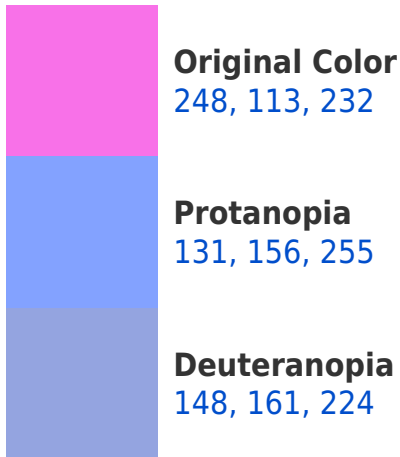


This preview shows how white text looks on a background with the RYB color 248, 113, 232.

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





Tritanopia
238, 135, 144

Trichromacy



Original Color

248, 113, 232



Protanomaly

174, 144, 247



Deuteranomaly

184, 145, 227



Tritanomaly

242, 127, 176

Monochromacy



Original Color

248, 113, 232



Achromatopsia

167, 167, 167



Achromatomaly

196, 147, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 113, 232 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(248, 113, 232) looks like.

```
.text, #text, p{  
    color:rgb(248, 113, 232)  
}
```

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(248, 113, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 113, 232) }
```

Border

The CSS property to change the border of an element to RYB 248, 113, 232 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(248, 113, 232) }
```

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

```
.border{ border-color:rgb(248, 113, 232) }
```

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

Here you see how a box with a 4 pixel rgb(248, 113, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 113, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 113, 232);  
box-shadow:4px 4px 4px 4px rgb(248, 113,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 248, 113, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 113, 232) }
```

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

```
.background{ background-color: rgb(248,  
113, 232) }
```

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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