

Converting Colors

`RYB(232, 70, 184)`

Have a look what the booklet for
RYB(232, 70, 184) contains.

RYB(232, 70, 184)	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(232, 70, 184)

Conversions

Conversions Part 1

Format	Color
Hex	E846B8
RGB	232, 70, 184
RGB Percent	91%, 27%, 72%
CMY	0.0902, 0.7255, 0.2784
CMYK	0.00, 0.70, 0.21, 0.09
HSL	318°, 78%, 59%
HSV	318°, 70%, 91%
XYZ	44.1206, 24.9968, 47.8469
YIQ	131.4340, 59.9580, 69.7980

Conversions

Conversions Part 2

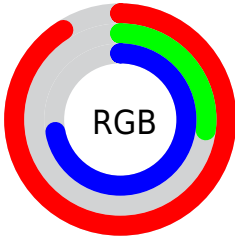
Format	Color
R _Y B	232, 70, 184
Decimal	15222456
CIE Lab	57.07, 72.18, -26.07
CIE LCh	57, 76.738, 340.143
Yxy	24.9968, 0.3772, 0.2137
Android (android.graphics.Color)	4293412536 (0xFFE846B8)
YUV	131.4340, 25.9150, 88.1964
Hunter-Lab	49.9968, 70.0262, -21.7426

Details

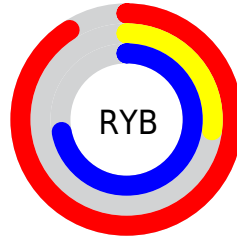
The RYB color **232, 70, 184** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **70, 195, 232**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **255, 130, 240**, and **172, 0, 131** is the 20% darker color. If you saturate the color by 10%, you get **232, 47, 177**, and if you desaturate by 10%, it is **232, 93, 191**.

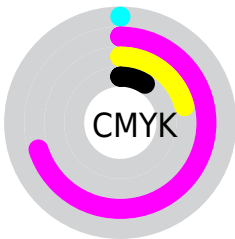
Distribution



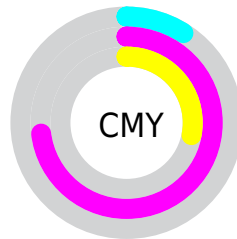
- Red (91%)
- Green (27%)
- Blue (72%)



- Red (91%)
- Yellow (27%)
- Blue (72%)



- Cyan (0%)
- Magenta (70%)
- Yellow (21%)
- Black (9%)




- Cyan (9%)
- Magenta (73%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 70, 184 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 232, 70, 184 by changing the saturation by 10% instead.

 232, 70, 184

 232, 70, 184

255, 255, 255

 202, 33, 157

 255, 130, 240

 172, 0, 131

 255, 159, 255

 143, 0, 105

 255, 189, 255

 114, 0, 81

 255, 218, 255

 86, 0, 58

 255, 248, 255

 60, 0, 36

 28, 0, 10

 0, 0, 0

 232, 70, 184

 232, 70, 184

■ 232, 47, 177

■ 232, 93, 191

■ 232, 24, 170

■ 232, 116, 198

■ 232, 0, 163

■ 232, 140, 205

■ 232, 163, 211

■ 232, 186, 218

■ 232, 209, 225

■ 232, 232, 232

■ 232, 250, 255

■ 232, 246, 255

Harmonies

Analogous

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



166, 107, 240



232, 70, 184



253, 55, 117

Triad

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



232, 70, 184



4, 145, 0



0, 95, 222

Complementary

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



232, 70, 184



70, 195, 232

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, 85, 166



232, 70, 184



3, 156, 92

Square

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



232, 70, 184



144, 201, 0



0, 107, 164



0, 97, 255

Rectangle

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



232, 70, 184



248, 72, 74



0, 107, 164



0, 91, 203

Sweetspot

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



232, 70, 184



255, 201, 239



116, 70, 232



128, 96, 118



0, 0, 0



128, 128, 128

Same Dimension

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



232, 70, 184



255, 41, 192



232, 70, 105



115, 103, 111



179, 0, 126



51, 0, 36

Inverse Universe

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



232, 70, 184



255, 41, 192



70, 161, 232



115, 103, 111



179, 0, 126



51, 0, 36

Previews

White Background



This preview shows how the RYB color 232, 70, 184 looks on a white background.

Color Contrast Check

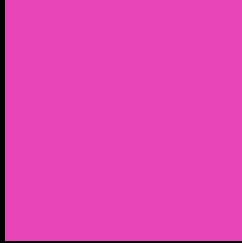
Large Text (above 18pt) WCAG AA ✓ Pass

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 232, 70, 184 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 232, 70, 184 Background



This preview shows how black text looks on a background with the RYP color 232, 70, 184.

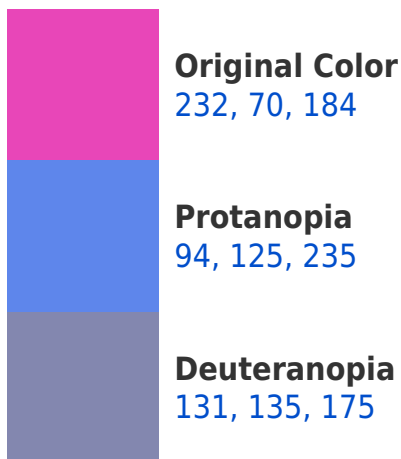


This preview shows how white text looks on a background with the RYP color 232, 70, 184.

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
225, 94, 100

Trichromacy



Original Color

232, 70, 184



Protanomaly

144, 111, 216



Deuteranomaly

168, 111, 178



Tritanomaly

228, 85, 131

Monochromacy



Original Color

232, 70, 184



Achromatopsia

131, 131, 131



Achromatomaly

168, 109, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 70, 184 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(232, 70, 184)` looks like.

```
.text, #text, p{  
    color:rgb(232, 70, 184)  
}
```

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(232, 70, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 70, 184) }
```

Border

The CSS property to change the border of an element to RYB 232, 70, 184 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(232, 70, 184) }
```

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

```
.border{ border-color:rgb(232, 70, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 70, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 70, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 70, 184);  
box-shadow:4px 4px 4px 4px rgb(232, 70,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 232, 70, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 70, 184) }
```

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

```
.background{ background-color: rgb(232, 70,  
184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor