

Converting Colors

`RYB(232, 152, 240)`

Have a look what the booklet for
RYB(232, 152, 240) contains.

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Color

R_YB(232, 152, 240)

Conversions

Conversions Part 1

Format	Color
Hex	E898F0
RGB	232, 152, 240
RGB Percent	91%, 60%, 94%
CMY	0.0902, 0.4039, 0.0588
CMYK	0.03, 0.37, 0.00, 0.06
HSL	295°, 75%, 77%
HSV	295°, 37%, 94%
XYZ	60.2351, 45.9035, 88.1236
YIQ	185.9520, 19.4320, 44.3280

Conversions

Conversions Part 2

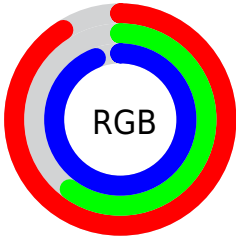
Format	Color
R _Y B	232, 152, 240
Decimal	15243504
CIE Lab	73.48, 43.78, -32.10
CIE LCh	73, 54.285, 323.746
Yxy	45.9035, 0.3101, 0.2363
Android (android.graphics.Color)	4293433584 (0xFFE898F0)
YUV	185.9520, 26.6457, 40.3841
Hunter-Lab	67.7522, 40.1293, -29.6906

Details

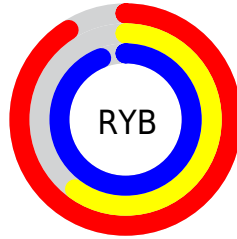
The RYB color **232, 152, 240** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **152, 240, 232**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 208, 255**, and **175, 99, 184** is the 20% darker color. If you saturate the color by 10%, you get **230, 128, 240**, and if you desaturate by 10%, it is **234, 176, 240**.

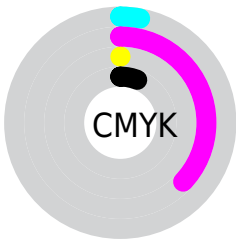
Distribution



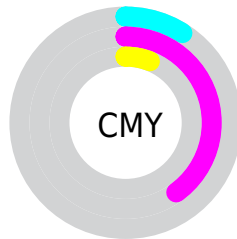
- Red (91%)
- Green (60%)
- Blue (94%)



- Red (91%)
- Yellow (60%)
- Blue (94%)



- Cyan (3%)
- Magenta (37%)
- Yellow (0%)
- Black (6%)




- Cyan (9%)
- Magenta (40%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 152, 240 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, 152, 240 by changing the saturation by 10% instead.

 232, 152, 240

 232, 152, 240

255, 255, 255

 203, 125, 212

 255, 208, 255

 175, 99, 184

 255, 236, 255


 147, 73, 157

 120, 48, 130


 94, 21, 105


 69, 0, 80


 45, 0, 57


 15, 0, 35


 0, 0, 9

 232, 152, 240

 232, 152, 240

 230, 128, 240


 234, 176, 240

 228, 104, 240


 236, 200, 240

 225, 80, 240


 239, 224, 240

 223, 56, 240


 240, 248, 247

 221, 32, 240

 240, 255, 252

 219, 8, 240

 240, 255, 250

 218, 0, 240

 240, 255, 248

 240, 255, 246

 240, 255, 243

Harmonies

Analogous

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



167, 172, 255



232, 152, 240



255, 139, 193

Triad

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



232, 152, 240



144, 219, 78



0, 106, 219

Complementary

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



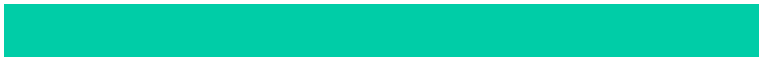
232, 152, 240



152, 240, 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, 113, 205



232, 152, 240



85, 190, 105

Square

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



232, 152, 240



255, 187, 101



110, 192, 200



0, 112, 255

Rectangle

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



232, 152, 240



255, 138, 159



110, 192, 200



0, 104, 206

Sweetspot

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



232, 152, 240



252, 227, 255



152, 160, 240



126, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 152, 240



245, 143, 255



240, 152, 205



119, 108, 120



167, 0, 184



51, 0, 56

Inverse Universe

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



240, 152, 160



255, 143, 153



152, 215, 240



120, 108, 109



184, 0, 17



56, 0, 5

Previews

White Background



This preview shows how the RYB color 232, 152, 240 looks on a white background.

Color Contrast Check

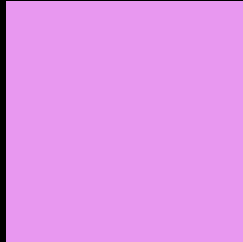
Large Text (above 18pt) WCAG AA × Fail

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 232, 152, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

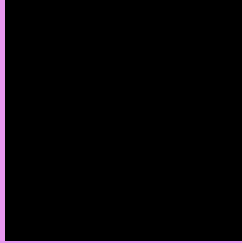
Any Text WCAG AA ✓ Pass

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 232, 152, 240 Background



This preview shows how black text looks on a background with the RYB color 232, 152, 240.

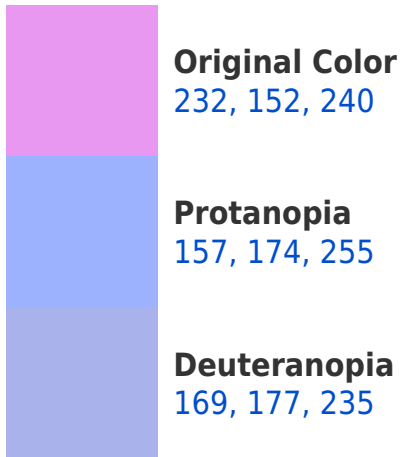



This preview shows how white text looks on a background with the RYB color 232, 152, 240.

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
223, 165, 178

Trichromacy



Original Color

232, 152, 240



Protanomaly

184, 169, 250



Deuteranomaly

192, 169, 237



Tritanomaly

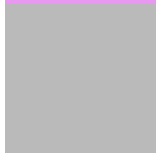
226, 160, 201

Monochromacy



Original Color

232, 152, 240



Achromatopsia

186, 186, 186



Achromatomaly

203, 174, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 152, 240 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, 152, 240) looks like.

```
.text, #text, p{  
    color:rgb(232, 152, 240)  
}
```

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, 152, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 152, 240) }
```

Border

The CSS property to change the border of an element to RYB 232, 152, 240 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, 152, 240) }
```

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

```
.border{ border-color:rgb(232, 152, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 152, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 152, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 152, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 152,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 232, 152, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 152, 240) }
```

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

```
.background{ background-color: rgb(232,  
152, 240) }
```

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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