

Converting Colors

`RYB(230, 119, 171)`

Have a look what the booklet for
RYB(230, 119, 171) contains.

RYB(230, 119, 171)	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

$\text{RYB}(230, 119, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	E677AB
RGB	230, 119, 171
RGB Percent	90%, 47%, 67%
CMY	0.0980, 0.5333, 0.3294
CMYK	0.00, 0.48, 0.26, 0.10
HSL	332°, 69%, 68%
HSV	332°, 48%, 90%
XYZ	46.5806, 32.9569, 42.4343
YIQ	158.1170, 49.4640, 39.7040

Conversions

Conversions Part 2

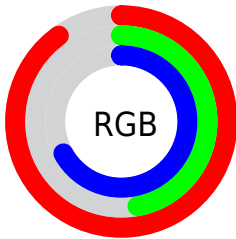
Format	Color
R_{YB}	230, 119, 171
Decimal	15103915
CIE _{Lab}	64.13, 48.84, -7.94
CIE _{LCh}	64, 49.479, 350.766
Yxy	32.9569, 0.3819, 0.2702
Android (android.graphics.Color)	4293293995 (0xFFE677AB)
YUV	158.1170, 6.3513, 63.0414
Hunter-Lab	57.4081, 44.3697, -3.6397

Details

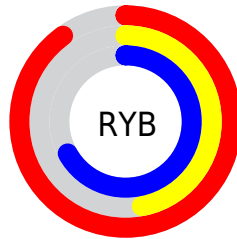
The RYB color **230, 119, 171** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **119, 191, 230**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 174, 226**, and **172, 66, 119** is the 20% darker color. If you saturate the color by 10%, you get **230, 96, 159**, and if you desaturate by 10%, it is **230, 142, 183**.

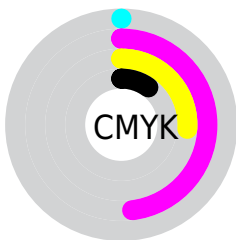
Distribution



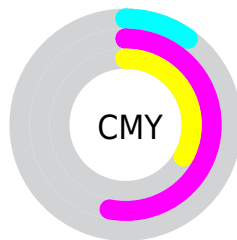
- Red (90%)
- Green (47%)
- Blue (67%)



- Red (90%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (48%)
- Yellow (26%)
- Black (10%)



- Cyan (10%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 119, 171 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 230, 119, 171 by changing the saturation by 10% instead.

 230, 119, 171


255, 255, 255

 255, 174, 226

 255, 202, 255

 255, 231, 255

 230, 119, 171

 201, 92, 144

 172, 66, 119

 144, 38, 94

 116, 0, 71


 89, 0, 48


 63, 0, 27


 37, 0, 1


 0, 0, 0


 230, 119, 171


 230, 119, 171


 230, 96, 159

 230, 142, 183

 230, 73, 147

 230, 165, 195

 230, 50, 134

 230, 188, 208

 230, 27, 122

 230, 211, 220

 230, 4, 110

 230, 233, 234

 230, 0, 108

 230, 246, 255

 230, 243, 255

Harmonies

Analogous

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



196, 132, 212



230, 119, 171



238, 119, 127

Triad

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



230, 119, 171



69, 162, 80



0, 98, 223

Complementary

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



230, 119, 171



119, 191, 230

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, 90, 185



230, 119, 171



97, 172, 170

Square

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



230, 119, 171



136, 193, 66



0, 99, 177



0, 98, 242

Rectangle

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



230, 119, 171



231, 134, 100



0, 99, 177



0, 96, 212

Sweetspot

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



230, 119, 171



255, 219, 236



176, 119, 230



128, 106, 116



0, 0, 0



128, 128, 128

Same Dimension

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



230, 119, 171



255, 107, 176



230, 121, 119



115, 103, 109



179, 0, 84



51, 0, 24

Inverse Universe

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



230, 119, 171



255, 107, 176



119, 174, 230



115, 103, 109



179, 0, 84



51, 0, 24

Previews

White Background



This preview shows how the RYB color 230, 119, 171 looks on a white background.

Color Contrast Check

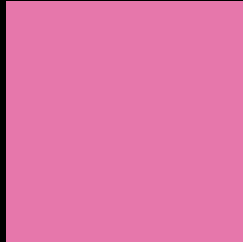
Large Text (above 18pt) WCAG AA × Fail

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 230, 119, 171 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 230, 119, 171 Background



This preview shows how black text looks on a background with the RYB color 230, 119, 171.

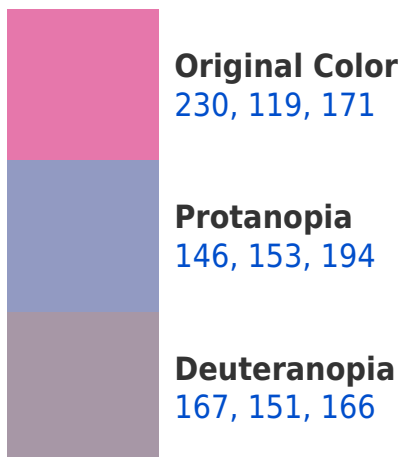


This preview shows how white text looks on a background with the RYB color 230, 119, 171.

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
227, 126, 135

Trichromacy



Original Color

230, 119, 171



Protanomaly

177, 141, 186



Deuteranomaly

190, 139, 168



Tritanomaly

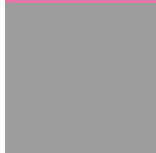
228, 123, 148

Monochromacy



Original Color

230, 119, 171



Achromatopsia

158, 158, 158



Achromatomaly

184, 144, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 119, 171 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(230, 119, 171) looks like.

```
.text, #text, p{  
    color:rgb(230, 119, 171)  
}
```

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(230, 119, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 119, 171) }
```

Border

The CSS property to change the border of an element to RYB 230, 119, 171 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(230, 119, 171) }
```

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

```
.border{ border-color:rgb(230, 119, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 119, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 119, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 119, 171); box-shadow:4px 4px 4px 4px rgb(230, 119, 171) }
```

Background

The CSS property to change the background color of an element to RYB 230, 119, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 119, 171) }
```

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

```
.background{ background-color: rgb(230,  
119, 171) }
```

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