

Converting Colors

`RYB(230, 127, 171)`

Have a look what the booklet for
RYB(230, 127, 171) contains.

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Color

R_YB(230, 127, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E67FAB
RGB	230, 127, 171
RGB Percent	90%, 50%, 67%
CMY	0.0980, 0.5020, 0.3294
CMYK	0.00, 0.45, 0.26, 0.10
HSL	334°, 67%, 70%
HSV	334°, 45%, 90%
XYZ	47.5732, 34.9420, 42.7652
YIQ	162.8130, 47.2640, 35.5200

Conversions

Conversions Part 2

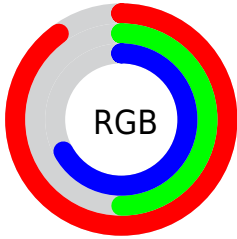
Format	Color
R _Y B	230, 127, 171
Decimal	15105963
CIE Lab	65.70, 44.82, -5.60
CIE LCh	66, 45.167, 352.879
Yxy	34.9420, 0.3797, 0.2789
Android (android.graphics.Color)	4293296043 (0xFFE67FAB)
YUV	162.8130, 4.0362, 58.9230
Hunter-Lab	59.1118, 40.2113, -1.5159

Details

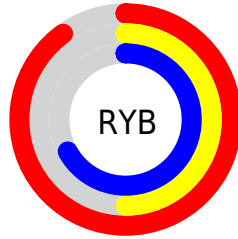
The RYB color **230, 127, 171** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **127, 192, 230**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 182, 226**, and **172, 74, 119** is the 20% darker color. If you saturate the color by 10%, you get **230, 104, 158**, and if you desaturate by 10%, it is **230, 150, 184**.

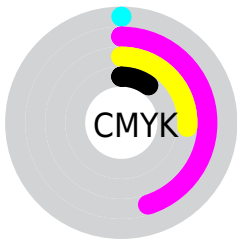
Distribution



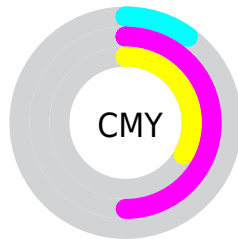
- Red (90%)
- Green (50%)
- Blue (67%)



- Red (90%)
- Yellow (50%)
- Blue (67%)



- Cyan (0%)
- Magenta (45%)
- Yellow (26%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 127, 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, 127, 171 by changing the saturation by 10% instead.


 230, 127, 171


255, 255, 255

 255, 182, 226

 255, 210, 255

 255, 239, 255

 230, 127, 171

 201, 100, 145

 172, 74, 119

 144, 48, 94

 116, 19, 71


 89, 0, 48

 63, 0, 28

 40, 0, 1

 0, 0, 0

 230, 127, 171

 230, 127, 171

■ 230, 104, 158

■ 230, 150, 184

■ 230, 81, 145

■ 230, 173, 197

■ 230, 58, 131

■ 230, 196, 211

■ 230, 35, 118

■ 230, 219, 224

■ 230, 12, 105

■ 230, 238, 242

■ 230, 0, 98

■ 230, 244, 255

■ 230, 243, 255

Harmonies

Analogous

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



201, 137, 209



230, 127, 171



236, 128, 130

Triad

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



230, 127, 171



82, 167, 96



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, 127, 171



127, 192, 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, 92, 190



230, 127, 171



105, 171, 175

Square

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



230, 127, 171



137, 193, 78



26, 112, 180



66, 130, 240

Rectangle

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



230, 127, 171



229, 144, 106



26, 112, 180



0, 97, 214

Sweetspot

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



230, 127, 171



255, 222, 236



185, 127, 230



128, 107, 116



0, 0, 0



128, 128, 128

Same Dimension

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



230, 127, 171



255, 117, 176



230, 135, 127



115, 103, 108



179, 0, 76



51, 0, 22

Inverse Universe

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



230, 127, 171



255, 117, 176



127, 177, 230



115, 103, 108



179, 0, 76



51, 0, 22

Previews

White Background



This preview shows how the RYB color 230, 127, 171 looks on a white background.

Color Contrast Check

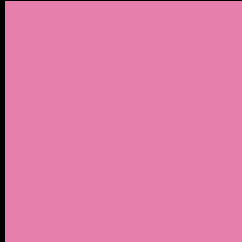
Large Text (above 18pt) WCAG AA × Fail

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, 127, 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, 127, 171 Background



This preview shows how black text looks on a background with the RYB color 230, 127, 171.

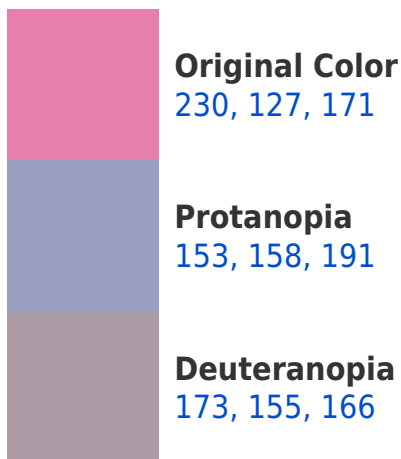



This preview shows how white text looks on a background with the RYB color 230, 127, 171.

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, 132, 142

Trichromacy



Original Color

230, 127, 171



Protanomaly

181, 147, 184



Deuteranomaly

194, 145, 168



Tritanomaly

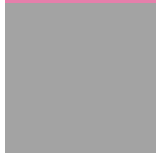
228, 130, 153

Monochromacy



Original Color

230, 127, 171



Achromatopsia

163, 163, 163



Achromatomaly

187, 150, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 127, 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, 127, 171) looks like.

```
.text, #text, p{  
    color:rgb(230, 127, 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, 127, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 127, 171) }
```

Border

The CSS property to change the border of an element to RYB 230, 127, 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, 127, 171) }
```

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

```
.border{ border-color:rgb(230, 127, 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, 127, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 127, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 127, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 127,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 230, 127, 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, 127, 171) }
```

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

```
.background{ background-color: rgb(230,  
127, 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](#).

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