

Converting Colors

`RYB(230, 186, 249)`

Have a look what the booklet for RYB(230, 186, 249) contains.

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Color

R_YB(230, 186, 249)

Conversions

Conversions Part 1

Format	Color
Hex	E6BAF9
RGB	230, 186, 249
RGB Percent	90%, 73%, 98%
CMY	0.0980, 0.2706, 0.0235
CMYK	0.08, 0.25, 0.00, 0.02
HSL	282°, 84%, 85%
HSV	282°, 25%, 98%
XYZ	67.2909, 58.7804, 97.4217
YIQ	206.3380, 6.0010, 28.9210

Conversions

Conversions Part 2

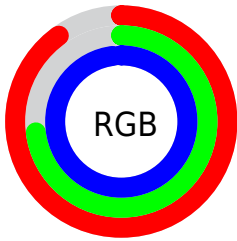
Format	Color
R _Y B	230, 186, 249
Decimal	15121145
CIE Lab	81.17, 26.79, -25.19
CIE LCh	81, 36.771, 316.771
Yxy	58.7804, 0.3011, 0.2630
Android (android.graphics.Color)	4293311225 (0xFFE6BAF9)
YUV	206.3380, 21.0324, 20.7516
Hunter-Lab	76.6683, 22.4978, -21.6713

Details

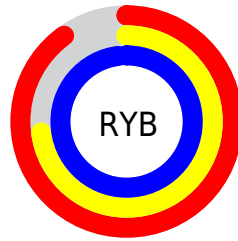
The RYB color **230, 186, 249** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **186, 249, 230**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 242, 255**, and **174, 132, 192** is the 20% darker color. If you saturate the color by 10%, you get **222, 161, 249**, and if you desaturate by 10%, it is **238, 211, 249**.

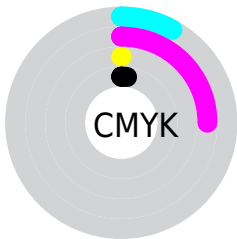
Distribution



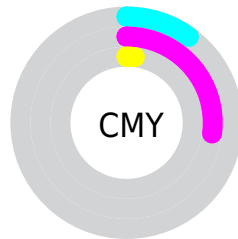
- Red (90%)
- Green (73%)
- Blue (98%)



- Red (90%)
- Yellow (73%)
- Blue (98%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 186, 249 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, 186, 249 by changing the saturation by 10% instead.


 230, 186, 249


 230, 186, 249


255, 255, 255

 202, 159, 220


 255, 242, 255

 174, 132, 192

 147, 107, 165


 121, 82, 139

 95, 59, 113

 71, 36, 88

 47, 14, 65

 29, 0, 43

 0, 1, 21

■ 230, 186, 249

■ 230, 186, 249

■ 222, 161, 249

■ 238, 211, 249

■ 215, 136, 249

■ 245, 236, 249

■ 207, 111, 249

■ 249, 255, 251

■ 200, 86, 249

■ 249, 255, 249

■ 192, 62, 249

■ 185, 37, 249

■ 177, 12, 249

■ 174, 0, 249

Harmonies

Analogous

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



185, 196, 255



230, 186, 249



255, 177, 218

Triad

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



230, 186, 249



214, 239, 135



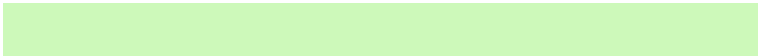
91, 156, 220

Complementary

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



230, 186, 249



186, 249, 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.



126, 183, 219



230, 186, 249



135, 206, 135

Square

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



230, 186, 249



255, 196, 153



153, 214, 200



90, 161, 251

Rectangle

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



230, 186, 249



255, 176, 195



153, 214, 200



101, 164, 221

Sweetspot

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



230, 186, 249



249, 235, 255



186, 201, 249



124, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 186, 249



232, 179, 255



249, 186, 237



121, 112, 125



132, 0, 189



43, 0, 61

Inverse Universe

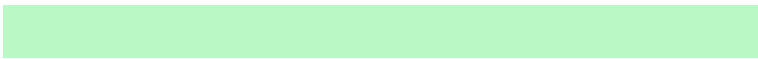
The Inverse Universe completely reimagines the original color for something new.



249, 186, 205



255, 179, 202



186, 239, 249



125, 112, 116



189, 0, 57



61, 0, 18

Previews

White Background



This preview shows how the RYB color 230, 186, 249 looks on a white background.

Color Contrast Check

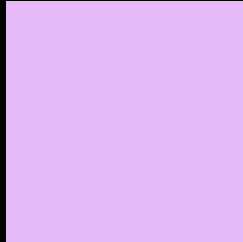
Large Text (above 18pt) WCAG AA × Fail

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, 186, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

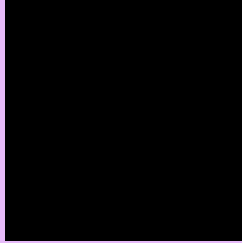
Any Text WCAG AA ✓ Pass

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, 186, 249 Background



This preview shows how black text looks on a background with the RYB color 230, 186, 249.



This preview shows how white text looks on a background with the RYB color 230, 186, 249.

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



Original Color
230, 186, 249

Protanopia
188, 198, 255

Deuteranopia
199, 198, 247



Tritanopia
224, 193, 209

Trichromacy



Original Color

230, 186, 249



Protanomaly

203, 195, 253



Deuteranomaly

210, 194, 248



Tritanomaly

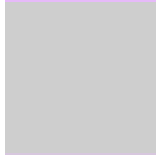
226, 190, 224

Monochromacy



Original Color

230, 186, 249



Achromatopsia

206, 206, 206



Achromatomaly

215, 199, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 186, 249 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, 186, 249) looks like.

```
.text, #text, p{  
    color:rgb(230, 186, 249)  
}
```

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, 186, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 186, 249) }
```

Border

The CSS property to change the border of an element to RYB 230, 186, 249 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, 186, 249) }
```

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

```
.border{ border-color:rgb(230, 186, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 186, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 186, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 186, 249);  
box-shadow:4px 4px 4px 4px rgb(230, 186,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 230, 186, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 186, 249) }
```

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

```
.background{ background-color: rgb(230,  
186, 249) }
```

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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