

Converting Colors

`RYB(230, 140, 205)`

Have a look what the booklet for
RYB(230, 140, 205) contains.

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Color

R_YB(230, 140, 205)

Conversions

Conversions Part 1

Format	Color
Hex	E68CCD
RGB	230, 140, 205
RGB Percent	90%, 55%, 80%
CMY	0.0980, 0.4510, 0.1961
CMYK	0.00, 0.39, 0.11, 0.10
HSL	317°, 64%, 73%
HSV	317°, 39%, 90%
XYZ	53.0307, 39.9869, 62.6808
YIQ	174.3200, 32.7750, 39.2950

Conversions

Conversions Part 2

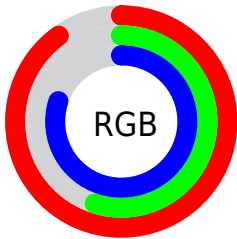
Format	Color
R_{YB}	230, 140, 205
Decimal	15109325
CIE _{Lab}	69.46, 43.26, -19.03
CIE _{LCh}	69, 47.260, 336.255
Yxy	39.9869, 0.3406, 0.2568
Android (android.graphics.Color)	4293299405 (0xFFE68CCD)
YUV	174.3200, 15.1252, 48.8314
Hunter-Lab	63.2352, 39.0330, -14.5055

Details

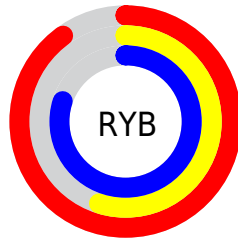
The RYB color **230, 140, 205** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **140, 210, 230**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 195, 255**, and **173, 87, 151** is the 20% darker color. If you saturate the color by 10%, you get **230, 117, 199**, and if you desaturate by 10%, it is **230, 163, 211**.

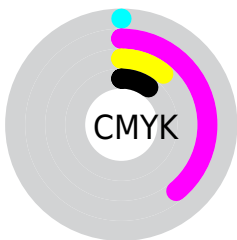
Distribution



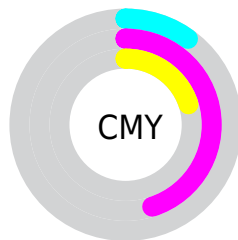
- Red (90%)
- Green (55%)
- Blue (80%)



- Red (90%)
- Yellow (55%)
- Blue (80%)



- Cyan (0%)
- Magenta (39%)
- Yellow (11%)
- Black (10%)





- Cyan (10%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 140, 205 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, 140, 205 by changing the saturation by 10% instead.

 230, 140, 205

 230, 140, 205

255, 255, 255

 201, 113, 177

 255, 195, 255

 173, 87, 151

 255, 224, 255

 145, 62, 125

 255, 253, 255

 118, 36, 100

 92, 3, 76

 66, 0, 53

 45, 0, 32

 0, 0, 2

 0, 0, 0

■ 230, 140, 205

■ 230, 140, 205

■ 230, 117, 199

■ 230, 163, 211

■ 230, 94, 192

■ 230, 186, 218

■ 230, 71, 186

■ 230, 209, 224

■ 230, 48, 179

■ 230, 231, 232

■ 230, 25, 173

■ 230, 250, 255

■ 230, 2, 167

■ 230, 246, 255

■ 230, 0, 166

■ 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.



185, 155, 239



230, 140, 205



250, 134, 162

Triad

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



230, 140, 205



102, 187, 82



0, 102, 219

Complementary

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



230, 140, 205



140, 210, 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, 100, 192



230, 140, 205



98, 182, 138

Square

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



230, 140, 205



223, 215, 91



84, 155, 189



0, 105, 247

Rectangle

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



230, 140, 205



250, 137, 134



84, 155, 189



0, 99, 206

Sweetspot

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



230, 140, 205



255, 224, 247



164, 140, 230



128, 110, 123



0, 0, 0



128, 128, 128

Same Dimension

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



230, 140, 205



255, 135, 222



230, 140, 161



115, 103, 112



179, 0, 129



51, 0, 37

Inverse Universe

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



230, 140, 205



255, 135, 222



140, 191, 230



115, 103, 112



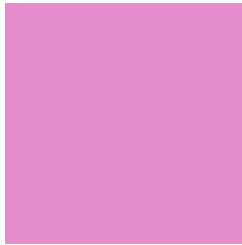
179, 0, 129



51, 0, 37

Previews

White Background



This preview shows how the RYB color 230, 140, 205 looks on a white background.

Color Contrast Check

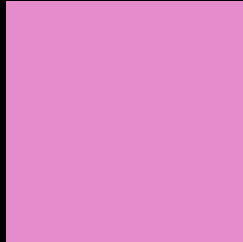
Large Text (above 18pt) WCAG AA × Fail

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, 140, 205 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, 140, 205 Background



This preview shows how black text looks on a background with the RYB color 230, 140, 205.



This preview shows how white text looks on a background with the RYB color 230, 140, 205.

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, 140, 205

Protanopia
154, 166, 225

Deuteranopia
172, 166, 200



Tritanopia
225, 149, 160

Trichromacy



Original Color

230, 140, 205



Protanomaly

182, 158, 218



Deuteranomaly

193, 157, 202



Tritanomaly

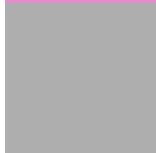
227, 146, 176

Monochromacy



Original Color

230, 140, 205



Achromatopsia

174, 174, 174



Achromatomaly

194, 162, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 140, 205 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, 140, 205) looks like.

```
.text, #text, p{  
    color:rgb(230, 140, 205)  
}
```

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, 140, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 140, 205) }
```

Border

The CSS property to change the border of an element to RYB 230, 140, 205 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, 140, 205) }
```

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

```
.border{ border-color:rgb(230, 140, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 140, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 140, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 140, 205);  
box-shadow:4px 4px 4px 4px rgb(230, 140,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 230, 140, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 140, 205) }
```

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

```
.background{ background-color: rgb(230,  
140, 205) }
```

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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