

Converting Colors

`RYB(223, 134, 205)`

Have a look what the booklet for
RYB(223, 134, 205) contains.

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Color

R_YB(223, 134, 205)

Conversions

Conversions Part 1

Format	Color
Hex	DF86CD
RGB	223, 134, 205
RGB Percent	87%, 53%, 80%
CMY	0.1255, 0.4745, 0.1961
CMYK	0.00, 0.40, 0.08, 0.13
HSL	312°, 58%, 70%
HSV	312°, 40%, 87%
XYZ	49.9760, 37.1459, 62.2935
YIQ	168.7050, 30.2530, 40.9490

Conversions

Conversions Part 2

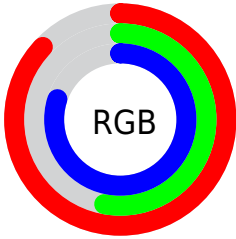
Format	Color
R_{YB}	223, 134, 205
Decimal	14649037
CIE _{Lab}	67.39, 44.14, -22.26
CIE _{LCh}	67, 49.435, 333.235
Yxy	37.1459, 0.3345, 0.2486
Android (android.graphics.Color)	4292839117 (0xFFDF86CD)
YUV	168.7050, 17.8934, 47.6167
Hunter-Lab	60.9475, 39.7091, -17.9362

Details

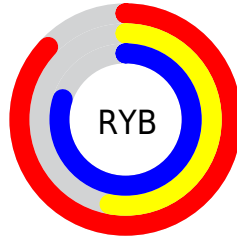
The RYB color **223, 134, 205** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **134, 208, 223**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 189, 255**, and **166, 82, 151** is the 20% darker color. If you saturate the color by 10%, you get **223, 112, 200**, and if you desaturate by 10%, it is **223, 156, 210**.

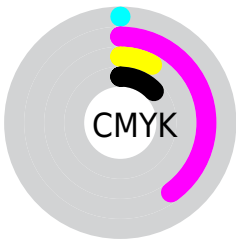
Distribution



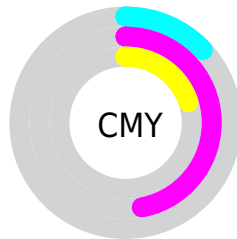
- Red (87%)
- Green (53%)
- Blue (80%)



- Red (87%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 223, 134, 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 223, 134, 205 by changing the saturation by 10% instead.

 223, 134, 205

 223, 134, 205

255, 255, 255

 194, 108, 177

 255, 189, 255

 166, 82, 151

 255, 217, 255

 139, 56, 125

 255, 246, 255

 112, 29, 100

 86, 0, 75

 60, 0, 52

 38, 0, 31

 0, 0, 1


 0, 0, 0

 223, 134, 205


 223, 134, 205

 223, 112, 200


 223, 156, 210

 223, 89, 196


 223, 179, 214

 223, 67, 191

 223, 201, 219

 223, 45, 187

 223, 223, 223

 223, 22, 182

 223, 241, 245

 223, 0, 178

 223, 248, 255

 223, 245, 255

 223, 243, 255

 223, 242, 255

Harmonies

Analogous

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



174, 150, 239



223, 134, 205



246, 126, 161

Triad

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



223, 134, 205



101, 186, 72



0, 99, 212

Complementary

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



223, 134, 205



134, 208, 223

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, 99, 187



223, 134, 205



87, 176, 123

Square

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



223, 134, 205



222, 198, 85



80, 153, 183



0, 103, 243

Rectangle

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



223, 134, 205



247, 129, 131



80, 153, 183



0, 96, 198

Sweetspot

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



223, 134, 205



255, 224, 249



152, 134, 223



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

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



223, 134, 205



255, 133, 230



223, 134, 161



112, 101, 110



176, 0, 140



48, 0, 39

Inverse Universe

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



223, 134, 205



255, 133, 230



134, 186, 223



112, 101, 110



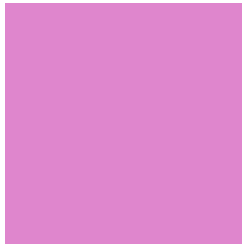
176, 0, 140



48, 0, 39

Previews

White Background



This preview shows how the RYB color 223, 134, 205 looks on a white background.

Color Contrast Check

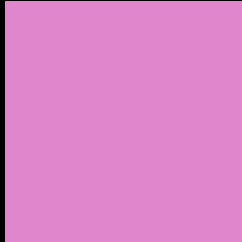
Large Text (above 18pt) WCAG AA × Fail

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 223, 134, 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 223, 134, 205 Background



This preview shows how black text looks on a background with the RYB color 223, 134, 205.

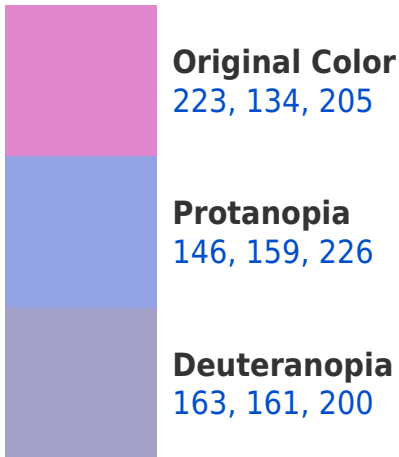


This preview shows how white text looks on a background with the RYB color 223, 134, 205.

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





Tritanopia
217, 144, 155

Trichromacy



Original Color

223, 134, 205



Protanomaly

174, 152, 218



Deuteranomaly

185, 151, 202



Tritanomaly

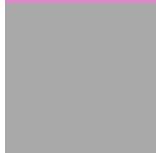
219, 140, 173

Monochromacy



Original Color

223, 134, 205



Achromatopsia

169, 169, 169



Achromatomaly

189, 156, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 134, 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(223, 134, 205) looks like.

```
.text, #text, p{  
    color:rgb(223, 134, 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(223, 134, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 134, 205) }
```

Border

The CSS property to change the border of an element to RYB 223, 134, 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(223, 134, 205) }
```

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

```
.border{ border-color:rgb(223, 134, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 134, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 134, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 134, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 134,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 223, 134, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 134, 205) }
```

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

```
.background{ background-color: rgb(223,  
134, 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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