

Converting Colors

`RYB(223, 150, 234)`

Have a look what the booklet for
RYB(223, 150, 234) contains.

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Color

R_YB(223, 150, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DF96EA
RGB	223, 150, 234
RGB Percent	87%, 59%, 92%
CMY	0.1255, 0.4118, 0.0824
CMYK	0.05, 0.36, 0.00, 0.08
HSL	292°, 67%, 75%
HSV	292°, 36%, 92%
XYZ	56.1891, 43.4412, 83.2654
YIQ	181.4030, 16.5440, 41.6000

Conversions

Conversions Part 2

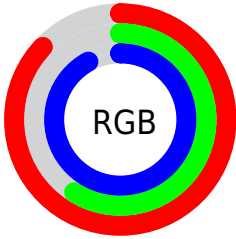
Format	Color
R _Y B	223, 150, 234
Decimal	14653162
CIE Lab	71.85, 40.96, -31.42
CIE LCh	72, 51.624, 322.506
Yxy	43.4412, 0.3072, 0.2375
Android (android.graphics.Color)	4292843242 (0xFFDF96EA)
YUV	181.4030, 25.9303, 36.4806
Hunter-Lab	65.9099, 36.8312, -28.7654

Details

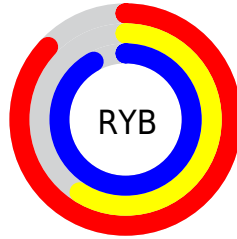
The RYB color **223, 150, 234** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **150, 234, 223**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 205, 255**, and **167, 97, 178** is the 20% darker color. If you saturate the color by 10%, you get **220, 127, 234**, and if you desaturate by 10%, it is **226, 173, 234**.

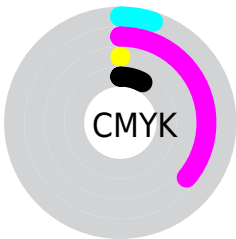
Distribution



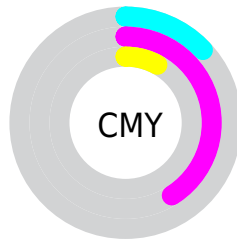
- Red (87%)
- Green (59%)
- Blue (92%)



- Red (87%)
- Yellow (59%)
- Blue (92%)



- Cyan (5%)
- Magenta (36%)
- Yellow (0%)
- Black (8%)




- Cyan (13%)
- Magenta (41%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RYB color 223, 150, 234 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, 150, 234 by changing the saturation by 10% instead.

 223, 150, 234

 223, 150, 234

255, 255, 255

 194, 123, 206

 255, 205, 255

 167, 97, 178

 255, 234, 255

 139, 72, 151

 113, 47, 125

 87, 21, 100

 62, 0, 75

 40, 0, 52

 0, 0, 30

 0, 0, 0

■ 223, 150, 234

■ 223, 150, 234

■ 220, 127, 234

■ 226, 173, 234

■ 217, 103, 234

■ 229, 197, 234

■ 214, 80, 234

■ 232, 220, 234

■ 211, 56, 234

■ 234, 244, 243

■ 208, 33, 234

■ 234, 255, 251

■ 205, 10, 234

■ 234, 255, 248

■ 203, 0, 234

■ 234, 255, 245

■ 234, 255, 241

■ 234, 255, 238

Harmonies

Analogous

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



161, 168, 255



223, 150, 234



255, 137, 190

Triad

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



223, 150, 234



148, 214, 80



0, 103, 211

Complementary

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



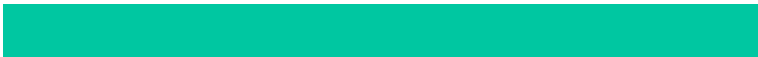
223, 150, 234



150, 234, 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, 110, 199



223, 150, 234



85, 184, 100

Square

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



223, 150, 234



248, 177, 103



113, 190, 194



0, 110, 250

Rectangle

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



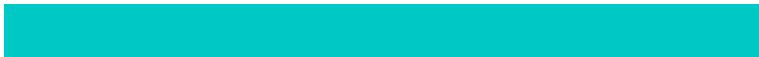
223, 150, 234



255, 137, 158



113, 190, 194



0, 101, 200

Sweetspot

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



223, 150, 234



251, 227, 255



150, 160, 234



125, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 150, 234



241, 145, 255



234, 150, 203



116, 106, 117



157, 0, 181



47, 0, 54

Inverse Universe

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



234, 150, 161



255, 145, 160



150, 211, 234



117, 106, 107



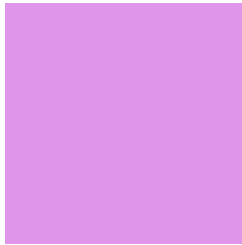
181, 0, 24



54, 0, 7

Previews

White Background



This preview shows how the RYB color 223, 150, 234 looks on a white background.

Color Contrast Check

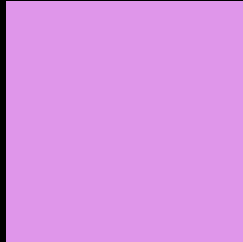
Large Text (above 18pt) WCAG AA × Fail

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, 150, 234 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](#).

RYP 223, 150, 234 Background



This preview shows how black text looks on a background with the RYB color 223, 150, 234.

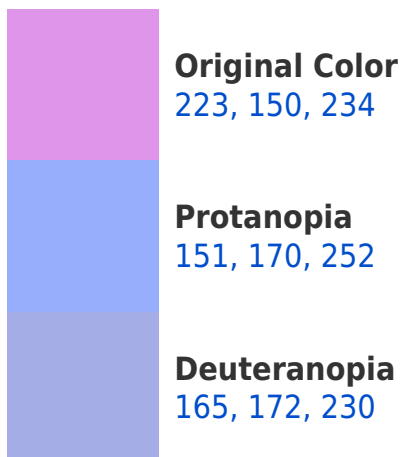



This preview shows how white text looks on a background with the RYB color 223, 150, 234.

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
215, 162, 175

Trichromacy



Original Color

223, 150, 234



Protanomaly

177, 165, 245



Deuteranomaly

186, 165, 231



Tritanomaly

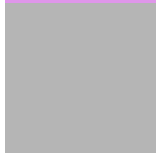
218, 158, 196

Monochromacy



Original Color

223, 150, 234



Achromatopsia

181, 181, 181



Achromatomaly

196, 170, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 150, 234 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, 150, 234) looks like.

```
.text, #text, p{  
    color:rgb(223, 150, 234)  
}
```

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, 150, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 150, 234) }
```

Border

The CSS property to change the border of an element to RYB 223, 150, 234 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, 150, 234) }
```

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

```
.border{ border-color:rgb(223, 150, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 150, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 150, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 150, 234);  
box-shadow:4px 4px 4px 4px rgb(223, 150,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 223, 150, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 150, 234) }
```

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

```
.background{ background-color: rgb(223,  
150, 234) }
```

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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