

Converting Colors

`RYB(173, 93, 216)`

Have a look what the booklet for
RYB(173, 93, 216) contains.

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Color

R_YB(173, 93, 216)

Conversions

Conversions Part 1

Format	Color
Hex	AD5DD8
RGB	173, 93, 216
RGB Percent	68%, 36%, 85%
CMY	0.3216, 0.6353, 0.1529
CMYK	0.20, 0.57, 0.00, 0.15
HSL	279°, 61%, 61%
HSV	279°, 57%, 85%
XYZ	33.5426, 21.6708, 67.3807
YIQ	130.9420, 8.1970, 55.2130

Conversions

Conversions Part 2

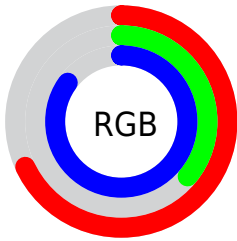
Format	Color
RYB	173, 93, 216
Decimal	11361752
CIELab	53.68, 53.01, -50.30
CIELCh	54, 73.078, 316.501
Yxy	21.6708, 0.2736, 0.1768
Android (android.graphics.Color)	4289551832 (0xFFAD5DD8)
YUV	130.9420, 41.9336, 36.8849
Hunter-Lab	46.5519, 47.1509, -53.2319

Details

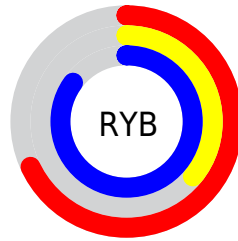
The RYB color **173, 93, 216** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **93, 216, 173**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **231, 147, 255**, and **117, 40, 160** is the 20% darker color. If you saturate the color by 10%, you get **165, 71, 216**, and if you desaturate by 10%, it is **181, 115, 216**.

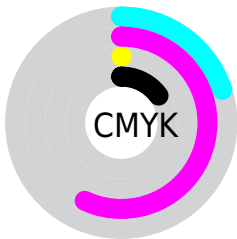
Distribution



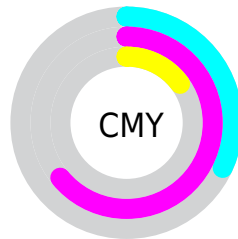
- Red (68%)
- Green (36%)
- Blue (85%)



- Red (68%)
- Yellow (36%)
- Blue (85%)



- Cyan (20%)
- Magenta (57%)
- Yellow (0%)
- Black (15%)



















- Cyan (32%)
- Magenta (64%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 173, 93, 216 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 173, 93, 216 by changing the saturation by 10% instead.

 173, 93, 216	 173, 93, 216
 255, 255, 255	 145, 67, 188
 231, 147, 255	 117, 40, 160
 255, 174, 255	 90, 6, 134
 255, 202, 255	 63, 0, 108
 255, 231, 255	 36, 0, 83
	 0, 0, 59
	 0, 2, 36
	 0, 0, 12
	 0, 0, 0


 173, 93, 216


 173, 93, 216


 165, 71, 216

 181, 115, 216

 158, 50, 216

 188, 136, 216

 150, 28, 216

 196, 158, 216

 143, 7, 216

 203, 179, 216

 140, 0, 216

 211, 201, 216

 216, 223, 221

 216, 244, 234

 216, 255, 238

 216, 255, 230

Harmonies

Analogous

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



34, 98, 250



173, 93, 216



225, 59, 159

Triad

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



173, 93, 216



98, 178, 0



0, 79, 162

Complementary

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



173, 93, 216



93, 216, 173

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, 94, 154



173, 93, 216



0, 136, 13

Square

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



173, 93, 216



219, 103, 36



27, 148, 140



0, 90, 219

Rectangle

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



173, 93, 216



237, 50, 117



27, 148, 140



0, 82, 156

Sweetspot

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



173, 93, 216



240, 212, 255



93, 125, 216



119, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



173, 93, 216



194, 82, 255



216, 93, 198



103, 96, 107



111, 0, 171



28, 0, 43

Inverse Universe

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



216, 93, 136



255, 82, 142



93, 200, 216



107, 96, 100



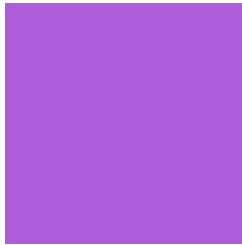
171, 0, 60



43, 0, 15

Previews

White Background



This preview shows how the RYB color 173, 93, 216 looks on a white background.

Color Contrast Check

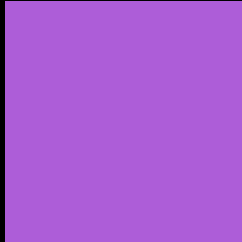
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 93, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

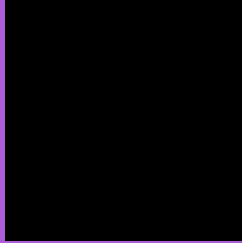
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 173, 93, 216 Background



This preview shows how black text looks on a background with the RYB color 173, 93, 216.

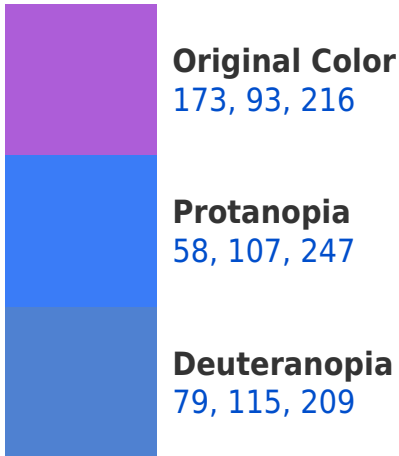


This preview shows how white text looks on a background with the RYB color 173, 93, 216.

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
159, 117, 126

Trichromacy



Original Color
173, 93, 216



Protanomaly
100, 112, 236



Deuteranomaly
113, 116, 212



Tritanomaly
164, 108, 159

Monochromacy



Original Color
173, 93, 216



Achromatopsia
131, 131, 131



Achromatomaly
146, 117, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 93, 216 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(173, 93, 216)` looks like.

```
.text, #text, p{  
    color:rgb(173, 93, 216)  
}
```

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(173, 93, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 93, 216) }
```

Border

The CSS property to change the border of an element to RYB 173, 93, 216 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(173, 93, 216) }
```

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

```
.border{ border-color:rgb(173, 93, 216) }
```

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

Here you see how a box with a 4 pixel rgb(173, 93, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 93, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 93, 216);  
box-shadow:4px 4px 4px 4px rgb(173, 93,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 173, 93, 216 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 93, 216) }
```

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

```
.background{ background-color: rgb(173, 93,  
216) }
```

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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