

Converting Colors

`RYB(185, 0, 151)`

Have a look what the booklet for
RYB(185, 0, 151) contains.

RYB(185, 0, 151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(185, 0, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B90097
RGB	185, 0, 151
RGB Percent	73%, 0%, 59%
CMY	0.2745, 1.0000, 0.4078
CMYK	0.00, 1.00, 0.18, 0.27
HSL	311°, 100%, 36%
HSV	311°, 100%, 73%
XYZ	25.5935, 12.5487, 30.3514
YIQ	72.5290, 61.7890, 86.1810

Conversions

Conversions Part 2

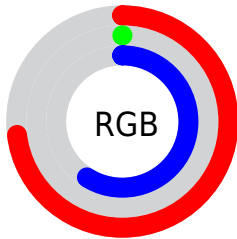
Format	Color
R_{YB}	185, 0, 151
Decimal	12124311
CIE _{Lab}	42.08, 72.55, -30.52
CIE _{LCh}	42, 78.708, 337.186
Yxy	12.5487, 0.3737, 0.1832
Android (android.graphics.Color)	4290314391 (0xFFB90097)
YUV	72.5290, 38.6862, 98.6371
Hunter-Lab	35.4241, 66.9721, -26.0028

Details

The RYB color **185, 0, 151** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **0, 156, 185**, and the grayscale version is **72, 72, 72**.

A 20% lighter version of the original color is **245, 86, 206**, and **127, 0, 100** is the 20% darker color. If you saturate the color by 10%, you get **185, 0, 151**, and if you desaturate by 10%, it is **185, 18, 154**.

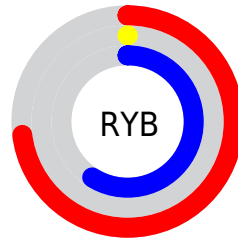
Distribution



Red (73%)

Green (0%)

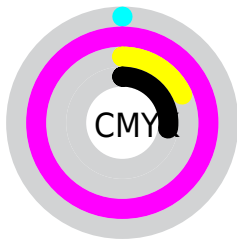
Blue (59%)



Red (73%)

Yellow (0%)

Blue (59%)

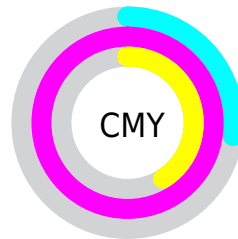


Cyan (0%)

Magenta (100%)

Yellow (18%)

Black (27%)



Cyan (27%)

Magenta (100%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 0, 151 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 185, 0, 151 by changing the saturation by 10% instead.

 185, 0, 151

 185, 0, 151

255, 255, 255

 156, 0, 125

 245, 86, 206

 127, 0, 100

 255, 116, 234

 99, 0, 75

 255, 145, 255

 72, 0, 52

 255, 174, 255

 43, 0, 30

 255, 204, 255

 0, 0, 0

 255, 234, 255

 185, 0, 151

 185, 18, 154

■ 185, 37, 158

■ 185, 56, 161

■ 185, 74, 165

■ 185, 93, 168

■ 185, 111, 171

■ 185, 130, 175

■ 185, 148, 178

■ 185, 167, 182

Harmonies

Analogous

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



113, 72, 204



185, 0, 151



208, 0, 87

Triad

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



185, 0, 151



6, 108, 0



0, 73, 177

Complementary

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



185, 0, 151



0, 156, 185

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, 65, 125



185, 0, 151



0, 116, 92

Square

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



185, 0, 151



160, 145, 0



0, 90, 122



0, 78, 221

Rectangle

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



185, 0, 151



203, 0, 45



0, 90, 122



0, 70, 157

Sweetspot

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



185, 0, 151



240, 168, 226



34, 0, 185



120, 77, 112



247, 247, 247



120, 120, 120

Same Dimension

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



185, 0, 151



240, 0, 196



185, 0, 59



92, 83, 90



156, 0, 127



28, 0, 23

Inverse Universe

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



185, 0, 151



240, 0, 196



0, 110, 185



92, 83, 90



156, 0, 127



28, 0, 23

Previews

White Background



This preview shows how the RYB color 185, 0, 151 looks on a white background.

Color Contrast Check

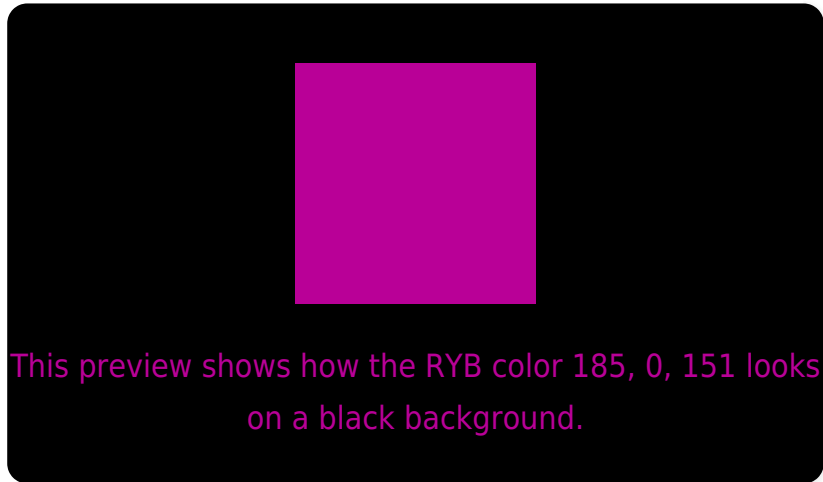
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

RYB 185, 0, 151 Background



This preview shows how black text looks on a background with the RYB color 185, 0, 151.

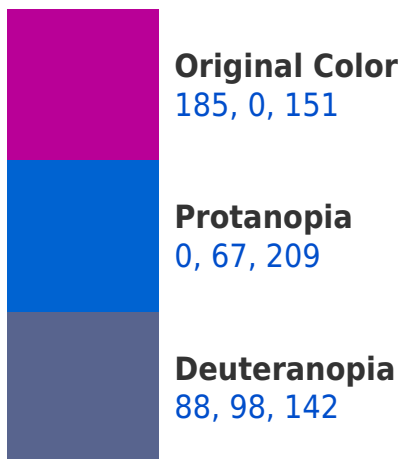



This preview shows how white text looks on a background with the RYB color 185, 0, 151.

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
178, 59, 63

Trichromacy



Original Color

185, 0, 151



Protanomaly

67, 62, 188



Deuteranomaly

123, 64, 145



Tritanomaly

181, 38, 95

Monochromacy



Original Color

185, 0, 151



Achromatopsia

73, 73, 73



Achromatomaly

114, 46, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 0, 151 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(185, 0, 151)` looks like.

```
.text, #text, p{  
    color:rgb(185, 0, 151)  
}
```

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(185, 0, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 0, 151) }
```

Border

The CSS property to change the border of an element to RYB 185, 0, 151 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(185, 0, 151) }
```

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

```
.border{ border-color:rgb(185, 0, 151) }
```

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

Here you see how a box with a 4 pixel rgb(185, 0, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 0, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 0, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 0,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 185, 0, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 0, 151) }
```

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

```
.background{ background-color: rgb(185, 0,  
151) }
```

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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