

Converting Colors

`RYB(185, 19, 143)`

Have a look what the booklet for
RYB(185, 19, 143) contains.

RYB(185, 19, 143)	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

$\text{RYB}(185, 19, 143)$

Conversions

Conversions Part 1

Format	Color
Hex	B9138F
RGB	185, 19, 143
RGB Percent	73%, 7%, 56%
CMY	0.2745, 0.9255, 0.4392
CMYK	0.00, 0.90, 0.23, 0.27
HSL	315°, 81%, 40%
HSV	315°, 90%, 73%
XYZ	25.1984, 12.7632, 27.1220
YIQ	82.7700, 59.1320, 73.7560

Conversions

Conversions Part 2

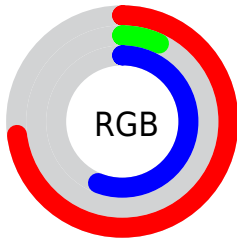
Format	Color
R_{YB}	185, 19, 143
Decimal	12129167
CIE _{Lab}	42.40, 69.46, -25.14
CIE _{LCh}	42, 73.872, 340.102
Yxy	12.7632, 0.3872, 0.1961
Android (android.graphics.Color)	4290319247 (0xFFB9138F)
YUV	82.7700, 29.6934, 89.6557
Hunter-Lab	35.7256, 63.3817, -20.0036

Details

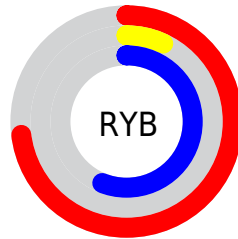
The RYB color **185, 19, 143** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **19, 151, 185**, and the grayscale version is **82, 82, 82**.

A 20% lighter version of the original color is **245, 91, 197**, and **127, 0, 92** is the 20% darker color. If you saturate the color by 10%, you get **185, 0, 138**, and if you desaturate by 10%, it is **185, 37, 148**.

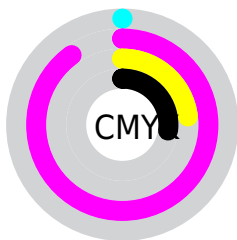
Distribution



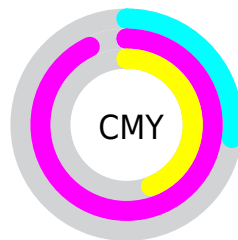
- Red (73%)
- Green (7%)
- Blue (56%)



- Red (73%)
- Yellow (7%)
- Blue (56%)



- Cyan (0%)
- Magenta (90%)
- Yellow (23%)
- Black (27%)




- Cyan (27%)
- Magenta (93%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 19, 143 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, 19, 143 by changing the saturation by 10% instead.

 185, 19, 143

 185, 19, 143

255, 255, 255

 156, 0, 117

 245, 91, 197

 127, 0, 92

 255, 120, 225

 99, 0, 68

 255, 149, 254

 72, 0, 46


 255, 178, 255

 44, 0, 24

 255, 207, 255

 0, 0, 0

 255, 237, 255

 185, 19, 143

 185, 19, 143


 185, 0, 138


 185, 37, 148


 185, 56, 152


 185, 74, 157

 185, 93, 162

 185, 111, 166

 185, 130, 171

 185, 148, 176

 185, 167, 180

 185, 186, 186

Harmonies

Analogous

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



124, 71, 195



185, 19, 143



203, 0, 83

Triad

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



185, 19, 143



0, 104, 0



0, 73, 178

Complementary

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



185, 19, 143



19, 151, 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, 64, 125



185, 19, 143



0, 117, 96

Square

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



185, 19, 143



142, 155, 0



0, 85, 123



0, 76, 216

Rectangle

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



185, 19, 143



197, 24, 43



0, 85, 123



0, 70, 160

Sweetspot

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



185, 19, 143



240, 175, 223



60, 19, 185



120, 81, 110



247, 247, 247



120, 120, 120

Same Dimension

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



185, 19, 143



240, 0, 179



185, 19, 60



92, 83, 89



156, 0, 116



28, 0, 21

Inverse Universe

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



185, 19, 143



240, 0, 179



19, 114, 185



92, 83, 89



156, 0, 116



28, 0, 21

Previews

White Background



This preview shows how the RYB color 185, 19, 143 looks on a white background.

Color Contrast Check

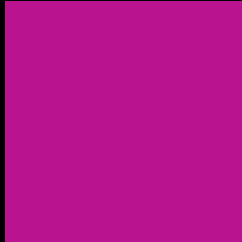
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 185, 19, 143 looks on a 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](#).

RYP 185, 19, 143 Background



This preview shows how black text looks on a background with the RYP color 185, 19, 143.

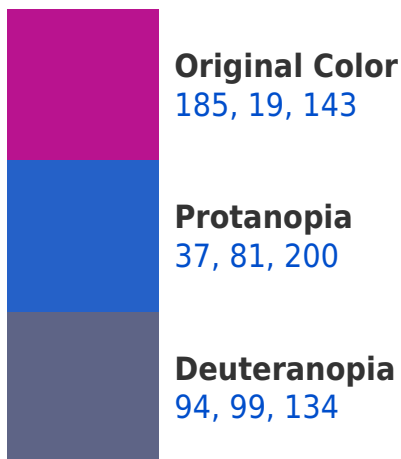


This preview shows how white text looks on a background with the RYP color 185, 19, 143.

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
179, 58, 61

Trichromacy



Original Color

185, 19, 143



Protanomaly

91, 69, 179



Deuteranomaly

127, 71, 137



Tritanomaly

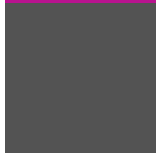
181, 44, 91

Monochromacy



Original Color

185, 19, 143



Achromatopsia

83, 83, 83



Achromatomaly

120, 60, 105

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 19, 143 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, 19, 143)` looks like.

```
.text, #text, p{  
    color:rgb(185, 19, 143)  
}
```

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, 19, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 19, 143) }
```

Border

The CSS property to change the border of an element to RYB 185, 19, 143 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, 19, 143) }
```

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

```
.border{ border-color:rgb(185, 19, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 19, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 19, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 19, 143);  
box-shadow:4px 4px 4px 4px rgb(185, 19,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 185, 19, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 19, 143) }
```

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

```
.background{ background-color: rgb(185, 19,  
143) }
```

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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