

Converting Colors

`RYB(185, 161, 243)`

Have a look what the booklet for
RYB(185, 161, 243) contains.

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Color

R_YB(185, 161, 243)

Conversions

Conversions Part 1

Format	Color
Hex	B9A1F3
RGB	185, 161, 243
RGB Percent	73%, 63%, 95%
CMY	0.2745, 0.3686, 0.0471
CMYK	0.24, 0.34, 0.00, 0.05
HSL	258°, 77%, 79%
HSV	258°, 34%, 95%
XYZ	48.9301, 42.2751, 90.3750
YIQ	177.5240, -12.0180, 30.5900

Conversions

Conversions Part 2

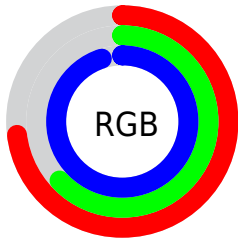
Format	Color
R _Y B	185, 161, 243
Decimal	12165619
CIE Lab	71.06, 25.47, -37.85
CIE LCh	71, 45.624, 303.933
Yxy	42.2751, 0.2695, 0.2328
Android (android.graphics.Color)	4290355699 (0xFFB9A1F3)
YUV	177.5240, 32.2797, 6.5565
Hunter-Lab	65.0193, 20.5460, -36.8980

Details

The RYB color **185, 161, 243** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **161, 243, 185**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **242, 216, 255**, and **130, 109, 186** is the 20% darker color. If you saturate the color by 10%, you get **168, 137, 243**, and if you desaturate by 10%, it is **202, 185, 243**.

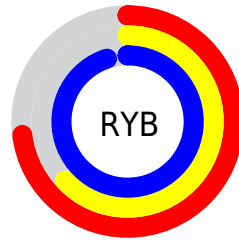
Distribution



Red (73%)

Green (63%)

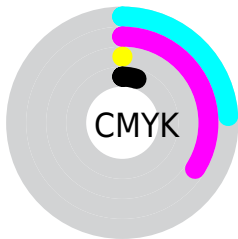
Blue (95%)



Red (73%)

Yellow (63%)

Blue (95%)

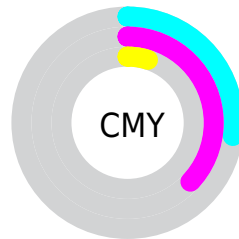


Cyan (24%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (37%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 161, 243 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, 161, 243 by changing the saturation by 10% instead.


 185, 161, 243


255, 255, 255

 242, 216, 255

 255, 244, 255

 185, 161, 243

 157, 135, 214

 130, 109, 186

 104, 85, 159

 78, 61, 133

 52, 39, 107

 26, 18, 83

 4, 0, 59

 0, 2, 36


 0, 0, 12

 185, 161, 243

 185, 161, 243

 168, 137, 243

 202, 185, 243

 151, 112, 243

 219, 210, 243

 133, 88, 243


 237, 234, 243


 116, 64, 243

 243, 255, 244

 99, 39, 243

 243, 255, 243

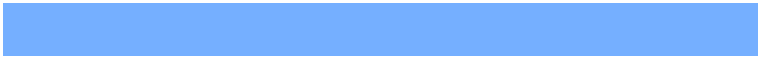
 82, 15, 243

 71, 0, 243

Harmonies

Analogous

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



117, 158, 255



185, 161, 243



230, 146, 211

Triad

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



185, 161, 243



229, 209, 100



0, 103, 196

Complementary

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



185, 161, 243



161, 243, 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.



98, 166, 193



185, 161, 243



115, 194, 89

Square

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



185, 161, 243



250, 147, 130



103, 185, 137



0, 103, 219

Rectangle

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



185, 161, 243



247, 141, 184



103, 185, 137



45, 129, 195

Sweetspot

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



185, 161, 243



237, 230, 255



161, 195, 243



117, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 161, 243



183, 153, 255



225, 161, 243



114, 110, 122



54, 0, 186



17, 0, 59

Inverse Universe

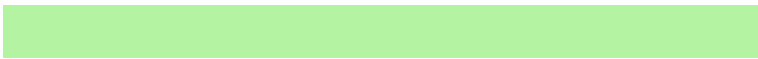
The Inverse Universe completely reimagines the original color for something new.



243, 161, 219



255, 153, 225



161, 243, 225



122, 110, 119



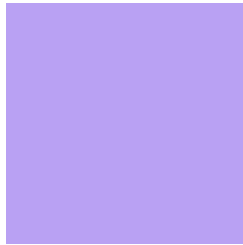
186, 0, 132



59, 0, 41

Previews

White Background



This preview shows how the RYB color 185, 161, 243 looks on a white background.

Color Contrast Check

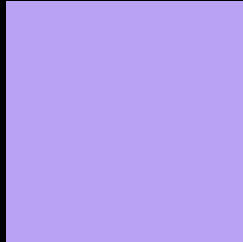
Large Text (above 18pt) WCAG AA × Fail

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 185, 161, 243 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 185, 161, 243 Background



This preview shows how black text looks on a background with the RYB color 185, 161, 243.



This preview shows how white text looks on a background with the RYB color 185, 161, 243.

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



Original Color
185, 161, 243

Protanopia
148, 167, 251

Deuteranopia
152, 168, 241



Tritanopia

174, 172, 186

Trichromacy



Original Color
185, 161, 243

Protanomaly
161, 167, 248

Deuteranomaly
164, 168, 242

Tritanomaly
178, 168, 207

Monochromacy



Original Color
185, 161, 243

Achromatopsia
178, 178, 178

Achromatomaly
181, 172, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 161, 243 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, 161, 243)` looks like.

```
.text, #text, p{  
    color:rgb(185, 161, 243)  
}
```

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, 161, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 161, 243) }
```

Border

The CSS property to change the border of an element to RYB 185, 161, 243 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, 161, 243) }
```

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

```
.border{ border-color:rgb(185, 161, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 161, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 161, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 161, 243);  
box-shadow:4px 4px 4px 4px rgb(185, 161,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 185, 161, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 161, 243) }
```

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

```
.background{ background-color: rgb(185,  
161, 243) }
```

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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