

Converting Colors

`RYB(145, 156, 243)`

Have a look what the booklet for
RYB(145, 156, 243) contains.

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Color

R_YB(145, 156, 243)

Conversions

Conversions Part 1

Format	Color
Hex	919DF3
RGB	145, 157, 243
RGB Percent	57%, 62%, 95%
CMY	0.4314, 0.3828, 0.0471
CMYK	0.40, 0.35, 0.00, 0.05
HSL	232°, 80%, 76%
HSV	232°, 40%, 95%
XYZ	39.9779, 36.7372, 89.7779
YIQ	163.2160, -34.7580, 24.2020

Conversions

Conversions Part 2

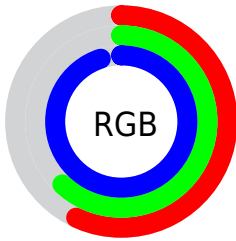
Format	Color
R _Y B	145, 156, 243
Decimal	9543155
CIE Lab	67.08, 16.52, -44.30
CIE LCh	67, 47.284, 290.455
Yxy	36.7372, 0.2401, 0.2207
Android (android.graphics.Color)	4287733235 (0xFF919DF3)
YUV	163.2160, 39.3335, -15.9754
Hunter-Lab	60.6112, 11.6653, -45.3931

Details

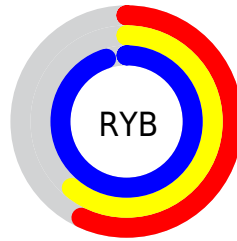
The RYB color **145, 156, 243** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **159, 243, 145**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **202, 210, 255**, and **89, 103, 186** is the 20% darker color. If you saturate the color by 10%, you get **121, 134, 243**, and if you desaturate by 10%, it is **169, 178, 243**.

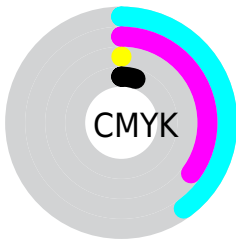
Distribution



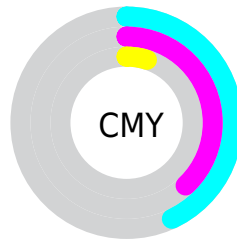
- Red (57%)
- Green (62%)
- Blue (95%)



- Red (57%)
- Yellow (61%)
- Blue (95%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)
- Black (5%)




- Cyan (43%)
- Magenta (38%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 156, 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 145, 156, 243 by changing the saturation by 10% instead.


 145, 156, 243


255, 255, 255

 202, 210, 255

 231, 238, 255

 145, 156, 243


 117, 129, 214

 89, 103, 186

 61, 78, 159

 28, 53, 133

 0, 28, 107

 0, 15, 82

 0, 2, 59

 0, 2, 36

 0, 0, 12

■ 145, 156, 243

■ 145, 156, 243

■ 121, 134, 243

■ 169, 178, 243

■ 96, 113, 243

■ 194, 199, 243

■ 72, 91, 243

■ 218, 221, 243

■ 48, 69, 243

■ 242, 242, 243

■ 24, 48, 243

■ 243, 255, 243

■ 0, 27, 243

Harmonies

Analogous

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



48, 124, 247



145, 156, 243



203, 141, 218

Triad

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



145, 156, 243



230, 161, 99



28, 116, 184

Complementary

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



145, 156, 243



159, 243, 145

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.



107, 179, 176



145, 156, 243



149, 201, 78

Square

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



145, 156, 243



244, 129, 136



81, 170, 91



0, 94, 192

Rectangle

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



145, 156, 243



227, 132, 193



81, 170, 91



66, 140, 183

Sweetspot

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



145, 156, 243



224, 228, 255



145, 197, 243



110, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 156, 243



133, 146, 255



181, 145, 243



110, 112, 122



0, 21, 186



0, 6, 59

Inverse Universe

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



243, 145, 157



255, 133, 148



145, 243, 181



122, 110, 112



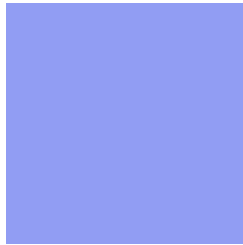
186, 0, 24



59, 0, 7

Previews

White Background



This preview shows how the RYB color 145, 156, 243 looks on a white background.

Color Contrast Check

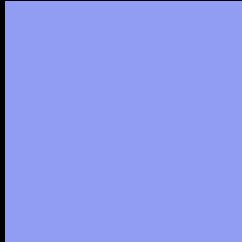
Large Text (above 18pt) WCAG AA × Fail

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 145, 156, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

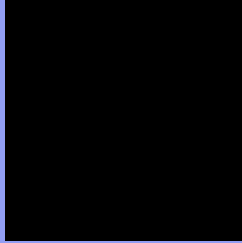
Any Text WCAG AA ✓ Pass

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 145, 156, 243 Background



This preview shows how black text looks on a background with the RYB color 145, 156, 243.



This preview shows how white text looks on a background with the RYB color 145, 156, 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
145, 156, 243

Protanopia
133, 155, 245

Deuteranopia
128, 154, 242



Tritanopia
130, 153, 183

Trichromacy



Original Color
145, 156, 243

Protanomaly
137, 155, 244

Deuteranomaly
134, 155, 242

Tritanomaly
135, 156, 205

Monochromacy



Original Color
145, 156, 243

Achromatopsia
163, 163, 163

Achromatomaly
156, 160, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 156, 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(145, 157, 243)` looks like.

```
.text, #text, p{  
    color:rgb(145, 157, 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(145, 157, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 157, 243) }
```

Border

The CSS property to change the border of an element to RYB 145, 156, 243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

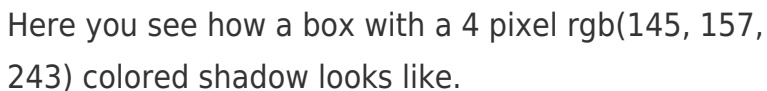
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 157, 243) }
```

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

```
.border{ border-color:rgb(145, 157, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 157, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 157, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 157, 243); box-shadow:4px 4px 4px 4px rgb(145, 157, 243) }
```

Background

The CSS property to change the background color of an element to RYB 145, 156, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 157, 243) }
```

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

```
.background{ background-color: rgb(145,  
157, 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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