

Converting Colors

`RYB(145, 127, 199)`

Have a look what the booklet for
RYB(145, 127, 199) contains.

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Color

R_YB(145, 127, 199)

Conversions

Conversions Part 1

Format	Color
Hex	917FC7
RGB	145, 127, 199
RGB Percent	57%, 50%, 78%
CMY	0.4314, 0.5020, 0.2196
CMYK	0.27, 0.36, 0.00, 0.22
HSL	255°, 39%, 64%
HSV	255°, 36%, 78%
XYZ	29.5752, 25.3220, 57.3617
YIQ	140.5900, -12.3840, 26.2080

Conversions

Conversions Part 2

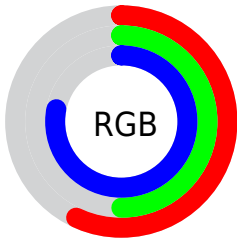
Format	Color
R_{YB}	145, 127, 199
Decimal	9535431
CIE _{Lab}	57.39, 22.49, -35.00
CIE _{LCh}	57, 41.602, 302.726
Yxy	25.3220, 0.2635, 0.2256
Android (android.graphics.Color)	4287725511 (0xFF917FC7)
YUV	140.5900, 28.7961, 3.8676
Hunter-Lab	50.3210, 16.8484, -32.3609

Details

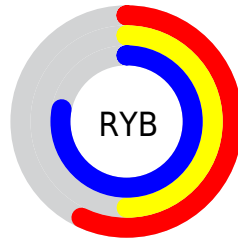
The RYB color **145, 127, 199** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **127, 199, 145**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **200, 180, 255**, and **92, 78, 145** is the 20% darker color. If you saturate the color by 10%, you get **130, 107, 199**, and if you desaturate by 10%, it is **160, 147, 199**.

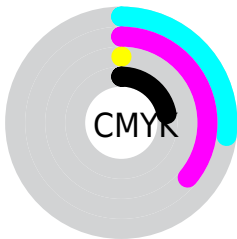
Distribution



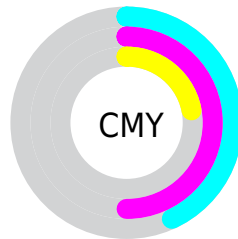
- Red (57%)
- Green (50%)
- Blue (78%)



- Red (57%)
- Yellow (50%)
- Blue (78%)



- Cyan (27%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (43%)
- Magenta (50%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RYB color 145, 127, 199 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, 127, 199 by changing the saturation by 10% instead.

 145, 127, 199


255, 255, 255

 200, 180, 255

 229, 207, 255

 255, 236, 255

 145, 127, 199

 118, 102, 171

 92, 78, 145

 67, 55, 119

 42, 33, 94


 15, 13, 70


 0, 0, 47

 0, 1, 25

 0, 0, 0

 145, 127, 199


 145, 127, 199


 130, 107, 199

 160, 147, 199

 115, 87, 199

 175, 167, 199

 100, 67, 199

 190, 187, 199

 85, 47, 199


 199, 207, 201

 70, 27, 199

 199, 227, 206

 55, 8, 199

 199, 246, 210

 50, 0, 199

 199, 255, 205

 199, 255, 199

Harmonies

Analogous

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



81, 121, 210



145, 127, 199



185, 114, 172

Triad

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



145, 127, 199



186, 164, 74



0, 82, 156

Complementary

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



145, 127, 199



127, 199, 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.



71, 131, 154



145, 127, 199



87, 156, 63

Square

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



145, 127, 199



204, 114, 100



74, 147, 102



0, 82, 176

Rectangle

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



145, 127, 199



201, 108, 148



74, 147, 102



8, 90, 156

Sweetspot

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



145, 127, 199



234, 227, 255



127, 158, 199



115, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 127, 199



173, 145, 255



181, 127, 199



92, 90, 99



41, 0, 163



9, 0, 36

Inverse Universe

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



199, 127, 181



255, 145, 228



127, 199, 181



99, 90, 97



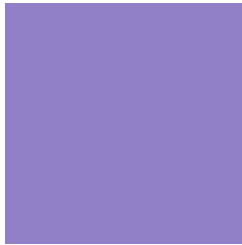
163, 0, 122



36, 0, 27

Previews

White Background



This preview shows how the RYB color 145, 127, 199 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 145, 127, 199 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 145, 127, 199 Background



This preview shows how black text looks on a background with the RYB color 145, 127, 199.



This preview shows how white text looks on a background with the RYB color 145, 127, 199.

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, 127, 199

Protanopia
114, 131, 206

Deuteranopia
115, 132, 197



Tritanopia
135, 137, 148

Trichromacy



Original Color

145, 127, 199

Protanomaly

125, 131, 203

Deuteranomaly

126, 132, 198

Tritanomaly

139, 133, 167

Monochromacy



Original Color

145, 127, 199

Achromatopsia

141, 141, 141

Achromatomaly

142, 136, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 127, 199 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, 127, 199) looks like.

```
.text, #text, p{  
    color:rgb(145, 127, 199)  
}
```

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, 127, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 127, 199) }
```

Border

The CSS property to change the border of an element to RYB 145, 127, 199 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, 127, 199) }
```

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

```
.border{ border-color:rgb(145, 127, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 127, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 127, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 127, 199);  
box-shadow:4px 4px 4px 4px rgb(145, 127,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 145, 127, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 127, 199) }
```

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

```
.background{ background-color: rgb(145,  
127, 199) }
```

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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