

Converting Colors

`RYB(146, 127, 181)`

Have a look what the booklet for RYB(146, 127, 181) contains.

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Color

R_YB(146, 127, 181)

Conversions

Conversions Part 1

Format	Color
Hex	927FB5
RGB	146, 127, 181
RGB Percent	57%, 50%, 71%
CMY	0.4275, 0.5020, 0.2902
CMYK	0.19, 0.30, 0.00, 0.29
HSL	261°, 27%, 60%
HSV	261°, 30%, 71%
XYZ	27.7839, 24.6259, 47.0050
YIQ	138.8370, -6.0100, 20.8220

Conversions

Conversions Part 2

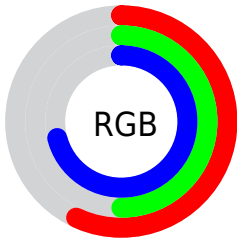
Format	Color
R_{YB}	146, 127, 181
Decimal	9600949
CIE _{Lab}	56.71, 18.43, -25.80
CIE _{LCh}	57, 31.705, 305.550
Yxy	24.6259, 0.2795, 0.2477
Android (android.graphics.Color)	4287791029 (0xFF927FB5)
YUV	138.8370, 20.7864, 6.2820
Hunter-Lab	49.6245, 13.0962, -21.4231

Details

The RYB color **146, 127, 181** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **127, 181, 146**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **201, 180, 237**, and **94, 78, 128** is the 20% darker color. If you saturate the color by 10%, you get **134, 109, 181**, and if you desaturate by 10%, it is **158, 145, 181**.

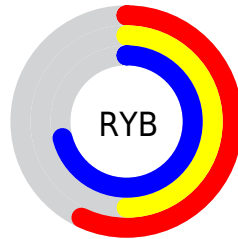
Distribution



Red (57%)

Green (50%)

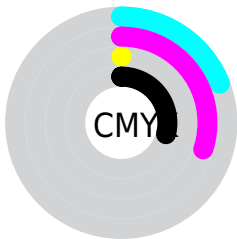
Blue (71%)



Red (57%)

Yellow (50%)

Blue (71%)

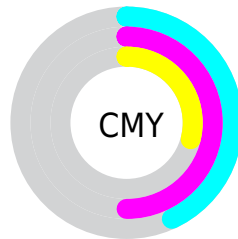


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (29%)



Cyan (43%)

Magenta (50%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 127, 181 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 146, 127, 181 by changing the saturation by 10% instead.

■ 146, 127, 181

255, 255, 255

■ 201, 180, 237

■ 229, 207, 255

■ 255, 236, 255

■ 146, 127, 181

■ 120, 102, 154

■ 94, 78, 128

■ 70, 55, 103

■ 46, 33, 78

■ 23, 13, 55

■ 0, 0, 34

■ 0, 0, 7

■ 0, 0, 0

■ 146, 127, 181

■ 146, 127, 181

134, 109, 181

158, 145, 181

123, 91, 181

169, 163, 181

111, 73, 181

181, 181, 181

99, 55, 181

181, 199, 187

87, 37, 181

181, 218, 194

76, 18, 181

181, 236, 201

64, 0, 181

181, 254, 207

181, 255, 196

181, 255, 184

Harmonies

Analogous

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



105, 128, 191



146, 127, 181



175, 118, 159

Triad

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



146, 127, 181



173, 164, 86



48, 102, 151

Complementary

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



146, 127, 181



127, 181, 146

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.



86, 131, 149



146, 127, 181



96, 149, 80

Square

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



146, 127, 181



188, 120, 105



90, 144, 114



18, 88, 167

Rectangle

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



146, 127, 181



186, 115, 141



90, 144, 114



61, 112, 151

Sweetspot

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



146, 127, 181



221, 213, 235



127, 148, 181



109, 104, 117



245, 245, 245



117, 117, 117

Same Dimension

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



146, 127, 181



180, 150, 235



173, 127, 181



83, 80, 89



54, 0, 153



9, 0, 26

Inverse Universe

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



181, 127, 162



235, 150, 205



127, 181, 173



89, 80, 86



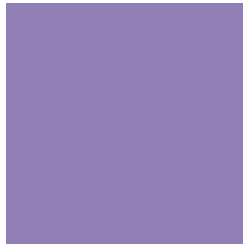
153, 0, 99



26, 0, 17

Previews

White Background



This preview shows how the RYB color 146, 127, 181 looks on a white background.

Color Contrast Check

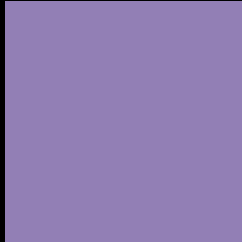
Large Text (above 18pt) WCAG AA ✓ Pass

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 146, 127, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

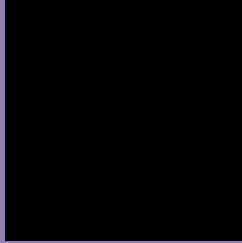
Any Text WCAG AA ✓ Pass

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 146, 127, 181 Background



This preview shows how black text looks on a background with the RYB color 146, 127, 181.



This preview shows how white text looks on a background with the RYB color 146, 127, 181.

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
146, 127, 181

Protanopia
121, 132, 187

Deuteranopia
126, 133, 180



Tritanopia

140, 134, 145

Trichromacy



Original Color
146, 127, 181

Protanomaly
130, 131, 185

Deuteranomaly
133, 131, 180

Tritanomaly
142, 131, 158

Monochromacy



Original Color
146, 127, 181

Achromatopsia
139, 139, 139

Achromatomaly
142, 135, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 127, 181 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(146, 127, 181)` looks like.

```
.text, #text, p{  
    color:rgb(146, 127, 181)  
}
```

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(146, 127, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 127, 181) }
```

Border

The CSS property to change the border of an element to RYB 146, 127, 181 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(146, 127, 181) }
```

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

```
.border{ border-color:rgb(146, 127, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 127, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 127, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 127, 181);  
box-shadow:4px 4px 4px 4px rgb(146, 127,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 146, 127, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 127, 181) }
```

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

```
.background{ background-color: rgb(146,  
127, 181) }
```

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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