

Converting Colors

`RYB(147, 125, 182)`

Have a look what the booklet for
RYB(147, 125, 182) contains.

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Color

R_YB(147, 125, 182)

Conversions

Conversions Part 1

Format	Color
Hex	937DB6
RGB	147, 125, 182
RGB Percent	58%, 49%, 71%
CMY	0.4235, 0.5098, 0.2863
CMYK	0.19, 0.31, 0.00, 0.29
HSL	263°, 28%, 60%
HSV	263°, 31%, 71%
XYZ	27.8097, 24.2477, 47.4705
YIQ	138.0760, -5.1850, 22.3910

Conversions

Conversions Part 2

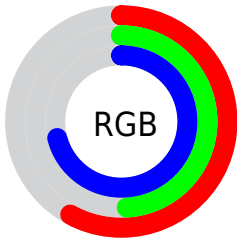
Format	Color
RYB	147, 125, 182
Decimal	9665974
CIELab	56.33, 20.15, -26.94
CIELCh	56, 33.640, 306.796
Yxy	24.2477, 0.2794, 0.2436
Android (android.graphics.Color)	4287856054 (0xFF937DB6)
YUV	138.0760, 21.6545, 7.8263
Hunter-Lab	49.2419, 14.6358, -22.6878

Details

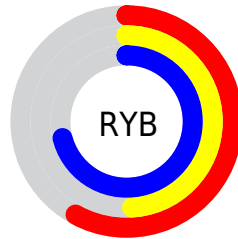
The RYB color **147, 125, 182** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **125, 182, 147**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **202, 178, 238**, and **95, 76, 129** is the 20% darker color. If you saturate the color by 10%, you get **136, 107, 182**, and if you desaturate by 10%, it is **158, 143, 182**.

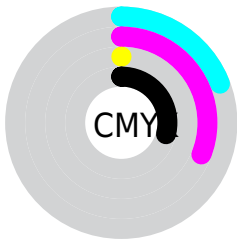
Distribution



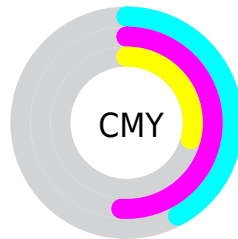
- Red (58%)
- Green (49%)
- Blue (71%)



- Red (58%)
- Yellow (49%)
- Blue (71%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (42%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 125, 182 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 147, 125, 182 by changing the saturation by 10% instead.

 147, 125, 182


255, 255, 255

 202, 178, 238

 230, 205, 255

 255, 234, 255

 147, 125, 182

 121, 100, 155

 95, 76, 129

 71, 53, 104

 47, 31, 79


 24, 10, 56

 0, 0, 34

 0, 0, 8

 0, 0, 0

 147, 125, 182

 147, 125, 182


 136, 107, 182

 158, 143, 182


 125, 89, 182


 169, 161, 182

 113, 70, 182


 181, 180, 182

 102, 52, 182


 182, 198, 188

 91, 34, 182

 182, 216, 195

 80, 16, 182

 182, 234, 202

 70, 0, 182

 182, 252, 209

 182, 255, 201

 182, 255, 189

Harmonies

Analogous

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



103, 127, 193



147, 125, 182



177, 116, 159

Triad

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



147, 125, 182



173, 164, 82



32, 94, 151

Complementary

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



147, 125, 182



125, 182, 147

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.



80, 128, 149



147, 125, 182



90, 148, 76

Square

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



147, 125, 182



189, 119, 101



87, 144, 115



0, 79, 169

Rectangle

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



147, 125, 182



188, 112, 139



87, 144, 115



50, 105, 150

Sweetspot

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



147, 125, 182



224, 216, 237



125, 147, 182



112, 107, 120



247, 247, 247



120, 120, 120

Same Dimension

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



147, 125, 182



182, 147, 237



175, 125, 182



86, 83, 92



60, 0, 156



11, 0, 28

Inverse Universe

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



182, 125, 160



237, 147, 202



125, 182, 175



92, 83, 88



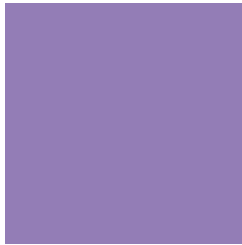
156, 0, 96



28, 0, 17

Previews

White Background



This preview shows how the RYB color 147, 125, 182 looks on a white background.

Color Contrast Check

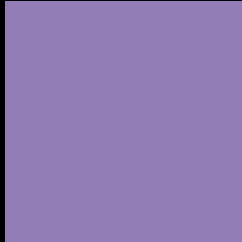
Large Text (above 18pt) WCAG AA ✓ Pass

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 147, 125, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

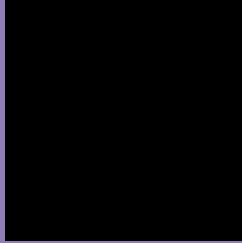
Any Text WCAG AA ✓ Pass

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 147, 125, 182 Background



This preview shows how black text looks on a background with the RYB color 147, 125, 182.



This preview shows how white text looks on a background with the RYB color 147, 125, 182.

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
147, 125, 182

Protanopia
118, 130, 188

Deuteranopia
123, 132, 180



Tritanopia
140, 133, 143

Trichromacy



Original Color
147, 125, 182

Protanomaly
129, 130, 186

Deuteranomaly
132, 130, 181

Tritanomaly
143, 130, 157

Monochromacy



Original Color
147, 125, 182

Achromatopsia
138, 138, 138

Achromatomaly
141, 133, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 125, 182 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(147, 125, 182) looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 182)  
}
```

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(147, 125, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 182) }
```

Border

The CSS property to change the border of an element to RYB 147, 125, 182 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(147, 125, 182) }
```

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

```
.border{ border-color:rgb(147, 125, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 125, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 125, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 125, 182);  
box-shadow:4px 4px 4px 4px rgb(147, 125,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 147, 125, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 182) }
```

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

```
.background{ background-color: rgb(147,  
125, 182) }
```

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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