

Converting Colors

`RYB(144, 125, 181)`

Have a look what the booklet for
RYB(144, 125, 181) contains.

| | |
|--|----|
| RYB(144, 125, 181) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

R_YB(144, 125, 181)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 907DB5 |
| RGB | 144, 125, 181 |
| RGB Percent | 56%, 49%, 71% |
| CMY | 0.4353, 0.5098, 0.2902 |
| CMYK | 0.20, 0.31, 0.00, 0.29 |
| HSL | 260°, 27%, 60% |
| HSV | 260°, 31%, 71% |
| XYZ | 27.1757, 23.9327, 46.9032 |
| YIQ | 137.0650, -6.6520, 21.4440 |

Conversions

Conversions Part 2

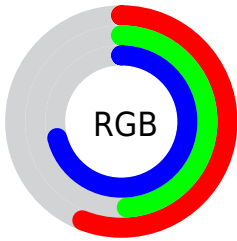
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 144, 125, 181 |
| Decimal | 9469365 |
| CIELab | 56.02, 18.96, -26.87 |
| CIELCh | 56, 32.890, 305.208 |
| Yxy | 23.9327, 0.2773, 0.2442 |
| Android (android.graphics.Color) | 4287659445 (0xFF907DB5) |
| YUV | 137.0650, 21.6600, 6.0820 |
| Hunter-Lab | 48.9211, 13.5450, -22.5997 |

Details

The RYB color **144, 125, 181** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **125, 181, 144**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **199, 178, 237**, and **93, 76, 128** is the 20% darker color. If you saturate the color by 10%, you get **132, 107, 181**, and if you desaturate by 10%, it is **156, 143, 181**.

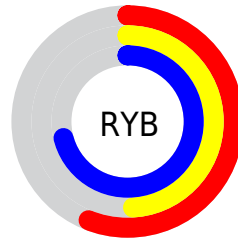
Distribution



Red (56%)

Green (49%)

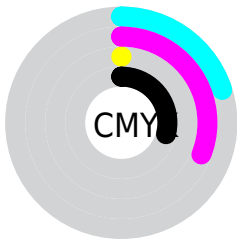
Blue (71%)



Red (56%)

Yellow (49%)

Blue (71%)

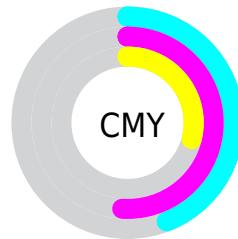


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 125, 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 144, 125, 181 by changing the saturation by 10% instead.


 144, 125, 181


255, 255, 255

 199, 178, 237

 227, 205, 255

 255, 233, 255


 144, 125, 181

 118, 100, 154

 93, 76, 128

 68, 53, 103

 44, 32, 78


 21, 10, 55

 0, 1, 33

 0, 0, 7

 0, 0, 0

 144, 125, 181

 144, 125, 181

132, 107, 181

156, 143, 181

120, 89, 181

168, 161, 181

108, 71, 181

180, 179, 181

96, 53, 181

181, 197, 186

84, 35, 181

181, 216, 193

72, 16, 181

181, 234, 199

61, 0, 181

181, 252, 205

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.



100, 125, 191



144, 125, 181



174, 116, 159

Triad

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



144, 125, 181



172, 159, 83



39, 98, 150

Complementary

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



144, 125, 181



125, 181, 144

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.



82, 128, 147



144, 125, 181



94, 148, 77

Square

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



144, 125, 181



187, 117, 103



87, 142, 111



0, 78, 166

Rectangle

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



144, 125, 181



186, 112, 140



87, 142, 111



55, 108, 149

Sweetspot

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



144, 125, 181



221, 213, 235



125, 147, 181



109, 104, 117



245, 245, 245



117, 117, 117

Same Dimension

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



144, 125, 181



177, 148, 235



172, 125, 181



83, 80, 89



52, 0, 153



9, 0, 26

Inverse Universe

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



181, 125, 162



235, 148, 205



125, 181, 172



89, 80, 86



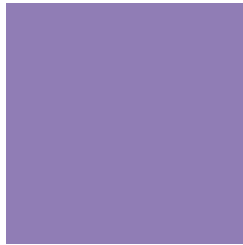
153, 0, 101



26, 0, 17

Previews

White Background



This preview shows how the RYB color 144, 125, 181 looks on a white background.

Color Contrast Check

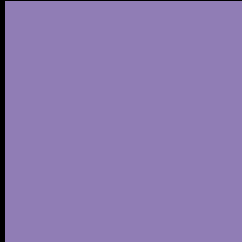
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 125, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

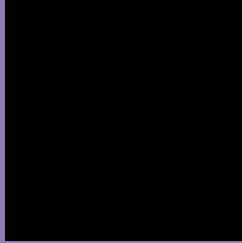
Any Text WCAG AA ✓ Pass

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 144, 125, 181 Background



This preview shows how black text looks on a background with the RYB color 144, 125, 181.

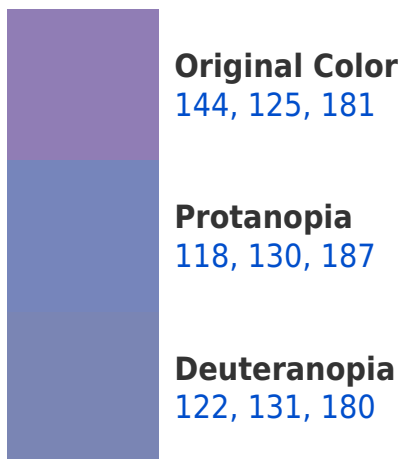


This preview shows how white text looks on a background with the RYB color 144, 125, 181.

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





Tritanopia
137, 132, 143

Trichromacy



Original Color
144, 125, 181

Protanomaly
127, 129, 185

Deuteranomaly
130, 129, 180

Tritanomaly
140, 129, 157

Monochromacy



Original Color
144, 125, 181

Achromatopsia
137, 137, 137

Achromatomaly
140, 133, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 125, 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(144, 125, 181) looks like.

```
.text, #text, p{  
    color:rgb(144, 125, 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(144, 125, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 125, 181) }
```

Border

The CSS property to change the border of an element to RYB 144, 125, 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(144, 125, 181) }
```

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

```
.border{ border-color:rgb(144, 125, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 125, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 125, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 125, 181);  
box-shadow:4px 4px 4px 4px rgb(144, 125,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 144, 125, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 125, 181) }
```

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

```
.background{ background-color: rgb(144,  
125, 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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