

Converting Colors

`RYB(154, 125, 181)`

Have a look what the booklet for
RYB(154, 125, 181) contains.

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Color

R_YB(154, 125, 181)

Conversions

Conversions Part 1

Format	Color
Hex	9A7DB5
RGB	154, 125, 181
RGB Percent	60%, 49%, 71%
CMY	0.3961, 0.5098, 0.2902
CMYK	0.15, 0.31, 0.00, 0.29
HSL	271°, 27%, 60%
HSV	271°, 31%, 71%
XYZ	29.0005, 24.8735, 46.9886
YIQ	140.0550, -0.6920, 23.5640

Conversions

Conversions Part 2

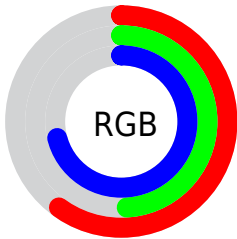
Format	Color
RYB	154, 125, 181
Decimal	10124725
CIELab	56.95, 22.16, -25.36
CIELCh	57, 33.678, 311.150
Yxy	24.8735, 0.2875, 0.2466
Android (android.graphics.Color)	4288314805 (0xFF9A7DB5)
YUV	140.0550, 20.1859, 12.2298
Hunter-Lab	49.8733, 16.5167, -20.9494

Details

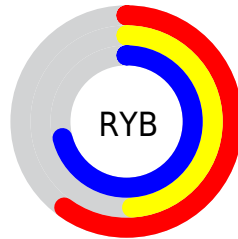
The RYB color **154, 125, 181** is a light color, and the websafe version is hex **996699**. A complement of this color would be **125, 181, 154**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **209, 178, 237**, and **102, 76, 128** is the 20% darker color. If you saturate the color by 10%, you get **145, 107, 181**, and if you desaturate by 10%, it is **163, 143, 181**.

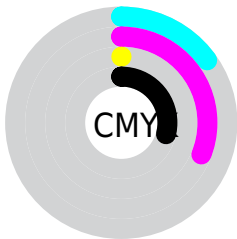
Distribution



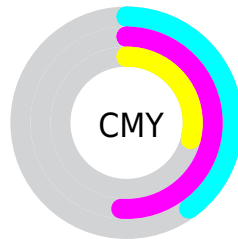
- Red (60%)
- Green (49%)
- Blue (71%)



- Red (60%)
- Yellow (49%)
- Blue (71%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)




- Cyan (40%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 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 154, 125, 181 by changing the saturation by 10% instead.

 154, 125, 181


255, 255, 255

 209, 178, 237

 238, 205, 255


 255, 234, 255


 154, 125, 181

 128, 100, 154

 102, 76, 128

 77, 53, 103

 53, 31, 78

 31, 10, 55

 0, 0, 34


 0, 0, 7

 0, 0, 0


 154, 125, 181

 154, 125, 181


 145, 107, 181


 163, 143, 181


 137, 89, 181

 171, 161, 181


 128, 71, 181


 180, 179, 181


 119, 53, 181


 181, 197, 189


 110, 35, 181


 181, 216, 199


 102, 16, 181

 181, 234, 209

 94, 0, 181

 181, 252, 218

 181, 255, 212

 181, 255, 203

Harmonies

Analogous

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



112, 131, 194



154, 125, 181



182, 116, 156

Triad

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



154, 125, 181



166, 172, 81



25, 90, 152

Complementary

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



154, 125, 181



125, 181, 154

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.



75, 124, 151



154, 125, 181



86, 145, 78

Square

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



154, 125, 181



189, 125, 99



91, 146, 124



0, 81, 174

Rectangle

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



154, 125, 181



192, 114, 137



91, 146, 124



45, 103, 152

Sweetspot

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



154, 125, 181



224, 213, 235



125, 143, 181



111, 104, 117



245, 245, 245



117, 117, 117

Same Dimension

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



154, 125, 181



193, 148, 235



181, 125, 180



85, 80, 89



79, 0, 153



13, 0, 26

Inverse Universe

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



181, 125, 152



235, 148, 190



125, 180, 181



89, 80, 85



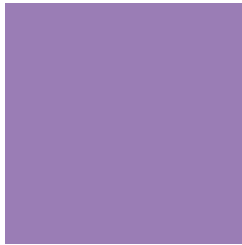
153, 0, 74



26, 0, 12

Previews

White Background



This preview shows how the RYB color 154, 125, 181 looks on a white background.

Color Contrast Check

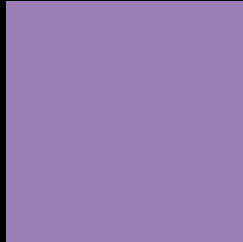
Large Text (above 18pt) WCAG AA ✓ Pass

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 154, 125, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

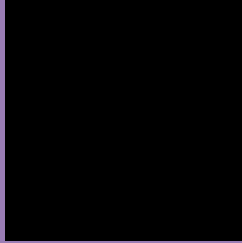
Any Text WCAG AA ✓ Pass

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 154, 125, 181 Background



This preview shows how black text looks on a background with the RYB color 154, 125, 181.

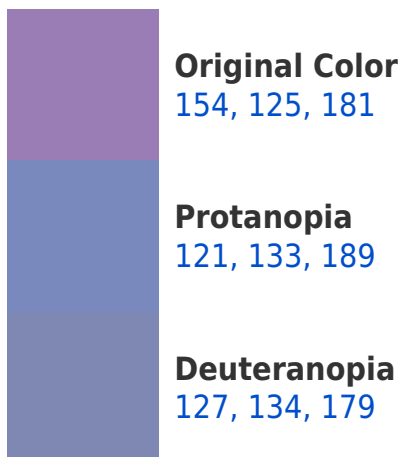



This preview shows how white text looks on a background with the RYB color 154, 125, 181.

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
148, 132, 143

Trichromacy



Original Color
154, 125, 181

Protanomaly
133, 131, 186

Deuteranomaly
137, 131, 180

Tritanomaly
150, 129, 157

Monochromacy



Original Color
154, 125, 181

Achromatopsia
140, 140, 140

Achromatomaly
145, 135, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 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(154, 125, 181)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 125, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 125, 181) }
```

Border

The CSS property to change the border of an element to RYB 154, 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(154, 125, 181) }
```

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

```
.border{ border-color:rgb(154, 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(154, 125, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 125, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 125, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 125,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 154, 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(154, 125, 181) }
```

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

```
.background{ background-color: rgb(154,  
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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