

Converting Colors

`RYB(154, 118, 182)`

Have a look what the booklet for
RYB(154, 118, 182) contains.

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Color

R_YB(154, 118, 182)

Conversions

Conversions Part 1

Format	Color
Hex	9A76B6
RGB	154, 118, 182
RGB Percent	60%, 46%, 71%
CMY	0.3961, 0.5373, 0.2863
CMYK	0.15, 0.35, 0.00, 0.29
HSL	274°, 30%, 59%
HSV	274°, 35%, 71%
XYZ	28.2484, 23.2043, 47.2460
YIQ	136.0600, 0.9120, 27.5360

Conversions

Conversions Part 2

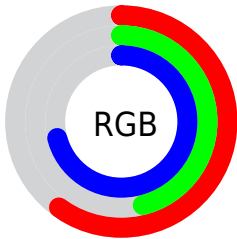
Format	Color
RYB	154, 118, 182
Decimal	10122934
CIELab	55.28, 26.42, -28.51
CIELCh	55, 38.874, 312.821
Yxy	23.2043, 0.2862, 0.2351
Android (android.graphics.Color)	4288313014 (0xFF9A76B6)
YUV	136.0600, 22.6484, 15.7334
Hunter-Lab	48.1708, 20.3771, -24.4321

Details

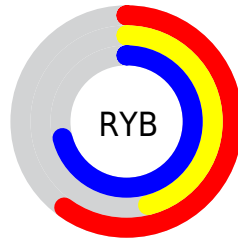
The RYB color **154, 118, 182** is a light color, and the websafe version is hex **996699**. A complement of this color would be **118, 182, 154**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **209, 171, 238**, and **102, 69, 129** is the 20% darker color. If you saturate the color by 10%, you get **146, 100, 182**, and if you desaturate by 10%, it is **162, 136, 182**.

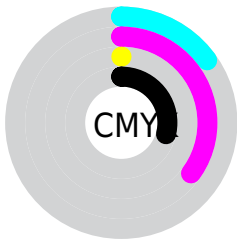
Distribution



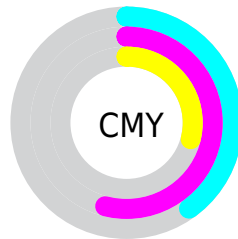
- Red (60%)
- Green (46%)
- Blue (71%)



- Red (60%)
- Yellow (46%)
- Blue (71%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (29%)




- Cyan (40%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 118, 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 154, 118, 182 by changing the saturation by 10% instead.


 154, 118, 182

255, 255, 255

 209, 171, 238

 238, 198, 255

 255, 226, 255

 154, 118, 182

 127, 93, 155

 102, 69, 129

 77, 46, 103

 53, 24, 79

 30, 1, 56

 0, 0, 34

 0, 0, 8

 0, 0, 0


 154, 118, 182


 154, 118, 182


 146, 100, 182

 162, 136, 182

 138, 82, 182

 170, 154, 182

 130, 63, 182

 178, 173, 182

 122, 45, 182

 182, 191, 187

 114, 27, 182

 182, 209, 197

 106, 9, 182

 182, 227, 207

 102, 0, 182

 182, 245, 217

 182, 255, 219

 182, 255, 211

Harmonies

Analogous

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



104, 125, 198



154, 118, 182



185, 107, 153

Triad

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



154, 118, 182



149, 169, 68



0, 76, 150

Complementary

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



154, 118, 182



118, 182, 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.



53, 112, 148



154, 118, 182



69, 139, 65

Square

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



154, 118, 182



190, 119, 88



81, 144, 123



0, 81, 177

Rectangle

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



154, 118, 182



195, 105, 130



81, 144, 123



0, 79, 150

Sweetspot

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



154, 118, 182



226, 211, 237



118, 138, 182



113, 104, 120



247, 247, 247



120, 120, 120

Same Dimension

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



154, 118, 182



194, 138, 237



182, 118, 179



88, 83, 92



87, 0, 156



16, 0, 28

Inverse Universe

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



182, 118, 146



237, 138, 181



118, 179, 182



92, 83, 87



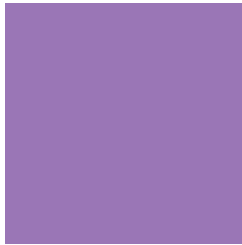
156, 0, 68



28, 0, 12

Previews

White Background



This preview shows how the RYB color 154, 118, 182 looks on a white background.

Color Contrast Check

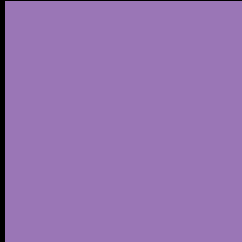
Large Text (above 18pt) WCAG AA ✓ Pass

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 154, 118, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

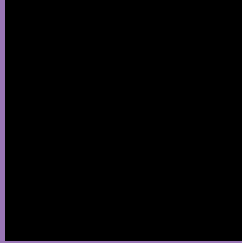
Any Text WCAG AA ✓ Pass

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 154, 118, 182 Background



This preview shows how black text looks on a background with the RYB color 154, 118, 182.

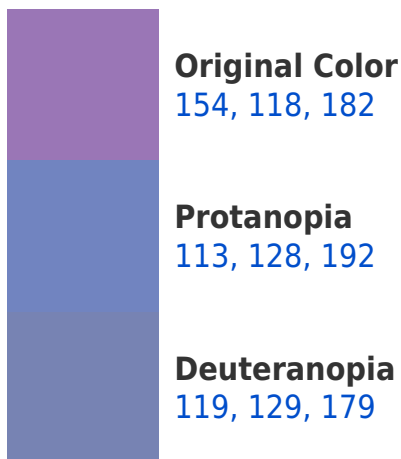


This preview shows how white text looks on a background with the RYB color 154, 118, 182.

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





Tritanopia
147, 127, 137

Trichromacy



Original Color
154, 118, 182

Protanomaly
128, 126, 188

Deuteranomaly
132, 126, 180

Tritanomaly
150, 124, 153

Monochromacy



Original Color
154, 118, 182

Achromatopsia
136, 136, 136

Achromatomaly
143, 129, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 118, 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(154, 118, 182)` looks like.

```
.text, #text, p{  
    color:rgb(154, 118, 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(154, 118, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 118, 182) }
```

Border

The CSS property to change the border of an element to RYB 154, 118, 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(154, 118, 182) }
```

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

```
.border{ border-color:rgb(154, 118, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 118, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 118, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 118, 182);  
box-shadow:4px 4px 4px 4px rgb(154, 118,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 154, 118, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 118, 182) }
```

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

```
.background{ background-color: rgb(154,  
118, 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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