

Converting Colors

`RYB(122, 148, 182)`

Have a look what the booklet for
RYB(122, 148, 182) contains.

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Color

R_YB(122, 148, 182)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7AA8B6 |
| RGB | 122, 168, 182 |
| RGB Percent | 48%, 66%, 71% |
| CMY | 0.5216, 0.3416, 0.2863 |
| CMYK | 0.33, 0.08, 0.00, 0.29 |
| HSL | 194°, 29%, 60% |
| HSV | 194°, 33%, 71% |
| XYZ | 30.4505, 35.4768, 49.4988 |
| YIQ | 155.8420, -31.9100, -5.3980 |

Conversions

Conversions Part 2

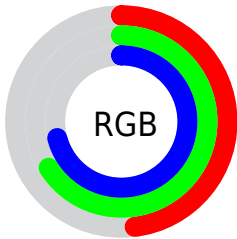
| Format | Color |
|-------------------------------------|---|
| RYB | 122, 148, 182 |
| Decimal | 8038582 |
| CIELab | 66.12, -11.83, -12.20 |
| CIElCh | 66, 16.994, 225.882 |
| Yxy | 35.4768, 0.2638, 0.3074 |
| Android (android.graphics.Color) | 4286228662 (0xFF7AA8B6) |
| YUV | 155.8420, 12.8959, -29.6794 |
| Hunter-Lab | 59.5624, -12.9786, -7.5787 |

Details

The RYB color **122, 148, 182** is a light color, and the websafe version is hex **669999**. A complement of this color would be **182, 140, 122**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **176, 203, 238**, and **70, 96, 129** is the 20% darker color. If you saturate the color by 10%, you get **104, 138, 182**, and if you desaturate by 10%, it is **140, 158, 182**.

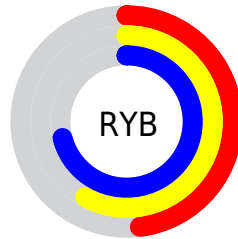
Distribution



Red (48%)

Green (66%)

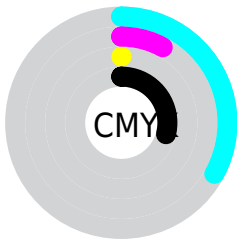
Blue (71%)



Red (48%)

Yellow (58%)

Blue (71%)

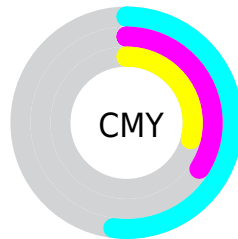


Cyan (33%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (52%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 148, 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 122, 148, 182 by changing the saturation by 10% instead.


 122, 148, 182


255, 255, 255

 176, 203, 238

 204, 229, 255

 233, 244, 255


 122, 148, 182


 96, 122, 155

 70, 96, 129

 45, 71, 104


 17, 45, 80


 0, 25, 57


 0, 15, 35


 0, 1, 13


 0, 0, 0

 122, 148, 182


 122, 148, 182

 104, 138, 182


 140, 158, 182

 86, 127, 182


 158, 168, 182


 67, 117, 182

 177, 179, 182


 49, 107, 182

 195, 186, 182

 31, 96, 182

 213, 191, 182

 13, 86, 182

 231, 198, 182

 0, 79, 182

 249, 203, 182

 255, 210, 182

 255, 218, 182

Harmonies

Analogous

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



121, 146, 170



122, 148, 182



135, 154, 190

Triad

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



122, 148, 182



187, 151, 169



133, 164, 131

Complementary

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



122, 148, 182



182, 140, 122

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.



172, 179, 131



122, 148, 182



193, 150, 153

Square

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



122, 148, 182



173, 154, 182



190, 158, 139



139, 166, 158

Rectangle

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



122, 148, 182



147, 158, 191



190, 158, 139



142, 170, 130

Sweetspot

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



122, 148, 182



213, 224, 237



122, 171, 182



105, 111, 120



247, 247, 247



120, 120, 120

Same Dimension

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



122, 148, 182



142, 183, 237



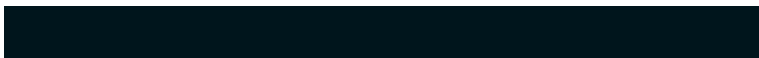
122, 135, 182



83, 87, 92



0, 68, 156



0, 12, 28

Inverse Universe

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



182, 122, 168



237, 142, 215



144, 182, 122



92, 83, 90



156, 0, 119



28, 0, 21

Previews

White Background



This preview shows how the RYB color 122, 148, 182 looks on a white background.

Color Contrast Check

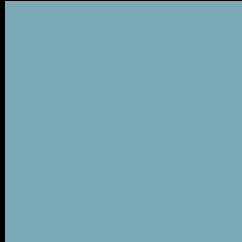
Large Text (above 18pt) WCAG AA × Fail

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 122, 148, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

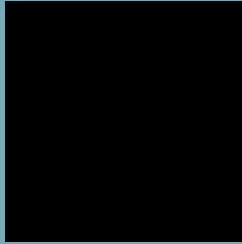
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 122, 148, 182 Background



This preview shows how black text looks on a background with the RYB color 122, 148, 182.



This preview shows how white text looks on a background with the RYB color 122, 148, 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
122, 148, 182

Protanopia
158, 159, 176

Deuteranopia
164, 156, 184



Tritanopia
122, 148, 181

Trichromacy



Original Color

122, 148, 182

Protanomaly

145, 156, 178

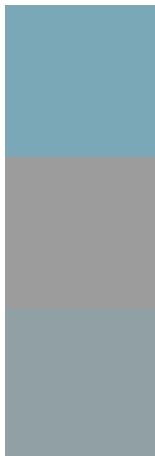
Deuteranomaly

149, 157, 183

Tritanomaly

122, 148, 181

Monochromacy



Original Color

122, 148, 182

Achromatopsia

156, 156, 156

Achromatomaly

144, 153, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 148, 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(122, 168, 182)` looks like.

```
.text, #text, p{  
    color:rgb(122, 168, 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(122, 168, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 168, 182) }
```

Border

The CSS property to change the border of an element to RYB 122, 148, 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(122, 168, 182) }
```

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

```
.border{ border-color:rgb(122, 168, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 168, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 168, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 168, 182); box-shadow:4px 4px 4px 4px rgb(122, 168, 182) }
```

Background

The CSS property to change the background color of an element to RYB 122, 148, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 168, 182) }
```

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

```
.background{ background-color: rgb(122,  
168, 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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