

Converting Colors

`RYB(126, 150, 172)`

Have a look what the booklet for
RYB(126, 150, 172) contains.

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Color

`RYB(126, 150, 172)`

Conversions

Conversions Part 1

Format	Color
Hex	7EACA8
RGB	126, 172, 168
RGB Percent	49%, 67%, 66%
CMY	0.5059, 0.3255, 0.3405
CMYK	0.27, 0.00, 0.02, 0.33
HSL	175°, 22%, 58%
HSV	175°, 27%, 67%
XYZ	30.4401, 36.7740, 42.6210
YIQ	157.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

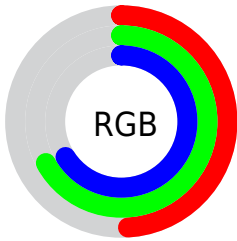
Format	Color
RYB	126, 150, 172
Decimal	8301736
CIELab	67.11, -16.13, -3.01
CIELCh	67, 16.410, 190.584
Yxy	36.7740, 0.2771, 0.3348
Android (android.graphics.Color)	4286491816 (0xFF7EACA8)
YUV	157.7900, 5.0335, -27.8798
Hunter-Lab	60.6416, -16.5215, 0.7781

Details

The RYB color **126, 150, 172** is a light color, and the websafe version is hex **669999**. A complement of this color would be **172, 126, 130**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **180, 205, 227**, and **75, 99, 120** is the 20% darker color. If you saturate the color by 10%, you get **109, 142, 172**, and if you desaturate by 10%, it is **143, 158, 172**.

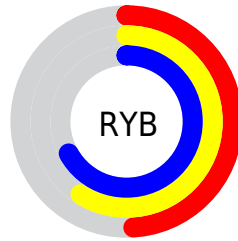
Distribution



Red (49%)

Green (67%)

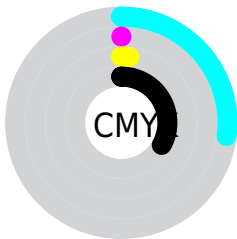
Blue (66%)



Red (49%)

Yellow (59%)

Blue (67%)

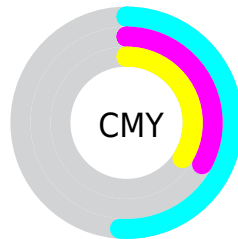


Cyan (27%)

Magenta (0%)

Yellow (2%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 150, 172 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 126, 150, 172 by changing the saturation by 10% instead.


 126, 150, 172


255, 255, 255

 180, 205, 227

 208, 232, 255

 236, 246, 255

 126, 150, 172


 100, 123, 145

 75, 99, 120

 50, 73, 95

 26, 49, 71

 0, 25, 48

 0, 15, 28

 0, 0, 0

 126, 150, 172

 109, 142, 172

 126, 150, 172

 143, 158, 172

■ 92, 134, 172

■ 160, 166, 172

■ 74, 125, 172

■ 178, 172, 172

■ 57, 117, 172

■ 195, 172, 174

■ 40, 109, 172

■ 212, 172, 175

■ 23, 101, 172

■ 229, 172, 177

■ 6, 93, 172

■ 246, 172, 178

■ 0, 90, 172

■ 255, 172, 180

■ 255, 172, 181

Harmonies

Analogous

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



137, 160, 171



126, 150, 172



125, 150, 182

Triad

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



126, 150, 172



173, 158, 186



184, 180, 136

Complementary

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



126, 150, 172



172, 126, 130

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.



193, 158, 145



126, 150, 172



187, 154, 173

Square

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



126, 150, 172



154, 161, 192



194, 153, 158



141, 170, 134

Rectangle

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



126, 150, 172



131, 154, 189



194, 153, 158



188, 171, 138

Sweetspot

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



126, 150, 172



206, 215, 224



126, 172, 168



101, 107, 112



240, 240, 240



112, 112, 112

Same Dimension

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



126, 150, 172



153, 190, 224



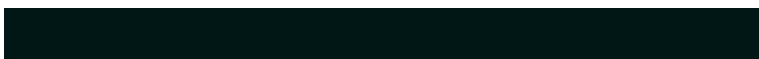
126, 143, 172



78, 83, 87



0, 78, 150



0, 12, 23

Inverse Universe

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



172, 126, 130



224, 153, 159



172, 158, 126



87, 78, 79



150, 0, 13



23, 0, 2

Previews

White Background



This preview shows how the RYB color 126, 150, 172 looks on a white background.

Color Contrast Check

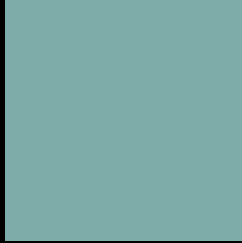
Large Text (above 18pt) WCAG AA × Fail

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 126, 150, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

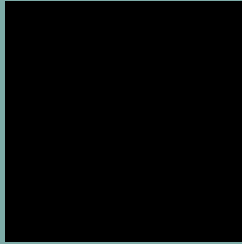
Any Text WCAG AA ✓ Pass

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](#).

R Y B 126, 150, 172 Background



This preview shows how black text looks on a background with the R Y B color 126, 150, 172.

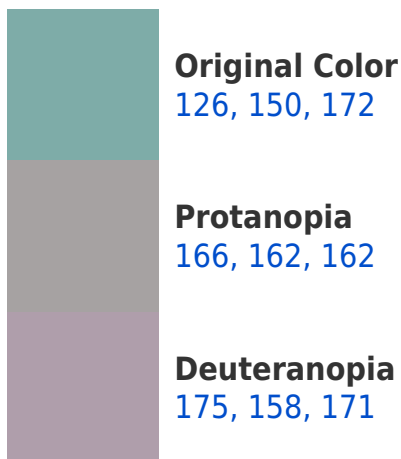



This preview shows how white text looks on a background with the R Y B color 126, 150, 172.

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](#).

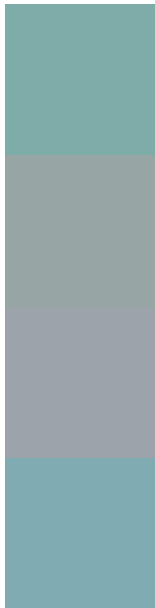
Dichromacy





Tritanopia
129, 152, 183

Trichromacy



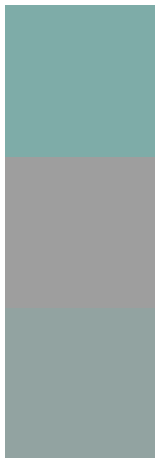
Original Color
126, 150, 172

Protanomaly
151, 159, 166

Deuteranomaly
157, 161, 170

Tritanomaly
128, 151, 178

Monochromacy



Original Color
126, 150, 172

Achromatopsia
158, 158, 158

Achromatomaly
146, 155, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 150, 172 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(126, 172, 168)` looks like.

```
.text, #text, p{  
    color:rgb(126, 172, 168)  
}
```

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(126, 172, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 172, 168) }
```

Border

The CSS property to change the border of an element to RYB 126, 150, 172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

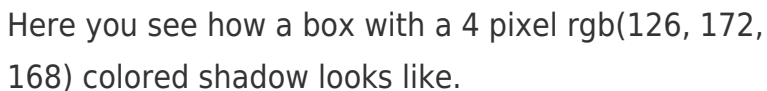
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 172, 168) }
```

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

```
.border{ border-color:rgb(126, 172, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 172, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 172, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 172, 168); box-shadow:4px 4px 4px 4px rgb(126, 172, 168) }
```

Background

The CSS property to change the background color of an element to RYB 126, 150, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 172, 168) }
```

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

```
.background{ background-color: rgb(126,  
172, 168) }
```

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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