

Converting Colors

`RYB(126, 145, 162)`

Have a look what the booklet for
RYB(126, 145, 162) contains.

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Color

R_YB(126, 145, 162)

Conversions

Conversions Part 1

Format	Color
Hex	7EA29E
RGB	126, 162, 158
RGB Percent	49%, 64%, 62%
CMY	0.5059, 0.3647, 0.3796
CMYK	0.22, 0.00, 0.02, 0.36
HSL	174°, 16%, 56%
HSV	174°, 22%, 64%
XYZ	27.7142, 32.7522, 37.3039
YIQ	150.7800, -20.1720, -8.8760

Conversions

Conversions Part 2

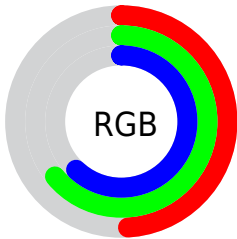
Format	Color
RYB	126, 145, 162
Decimal	8299166
CIELab	63.96, -13.10, -2.08
CIELCh	64, 13.262, 189.044
Yxy	32.7522, 0.2835, 0.3350
Android (android.graphics.Color)	4286489246 (0xFF7EA29E)
YUV	150.7800, 3.5595, -21.7321
Hunter-Lab	57.2295, -13.7104, 1.4136

Details

The RYB color **126, 145, 162** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **162, 126, 130**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **179, 199, 217**, and **76, 94, 110** is the 20% darker color. If you saturate the color by 10%, you get **110, 137, 162**, and if you desaturate by 10%, it is **142, 153, 162**.

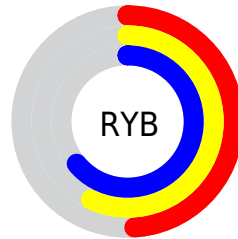
Distribution



Red (49%)

Green (64%)

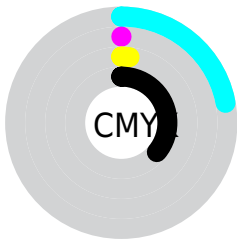
Blue (62%)



Red (49%)

Yellow (57%)

Blue (64%)

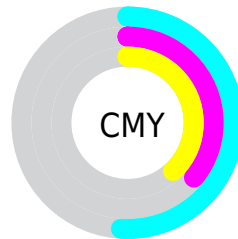


Cyan (22%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 145, 162 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, 145, 162 by changing the saturation by 10% instead.

■ 126, 145, 162

255, 255, 255

■ 179, 199, 217

■ 207, 227, 245

■ 236, 246, 255

■ 126, 145, 162

■ 101, 120, 136

■ 76, 94, 110

■ 52, 70, 86

■ 29, 47, 63

■ 5, 23, 40

■ 0, 12, 21


■ 0, 0, 0

■ 126, 145, 162


■ 110, 137, 162

■ 126, 145, 162


■ 142, 153, 162


 94, 130, 162


 158, 160, 162

 77, 122, 162

 175, 162, 163


 61, 114, 162

 191, 162, 165

 45, 107, 162

 207, 162, 167

 29, 99, 162

 223, 162, 168

 13, 92, 162

 239, 162, 170

 0, 85, 162

 255, 162, 172

 255, 162, 174

Harmonies

Analogous

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



135, 153, 161



126, 145, 162



125, 145, 169

Triad

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



126, 145, 162



162, 151, 173



172, 166, 133

Complementary

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



126, 145, 162



162, 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.



179, 150, 141



126, 145, 162



174, 148, 164

Square

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



126, 145, 162



147, 153, 178



180, 147, 152



140, 161, 132

Rectangle

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



126, 145, 162



129, 147, 175



180, 147, 152



175, 159, 135

Sweetspot

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



126, 145, 162



197, 205, 212



126, 162, 158



99, 103, 107



235, 235, 235



107, 107, 107

Same Dimension

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



126, 145, 162



155, 185, 212



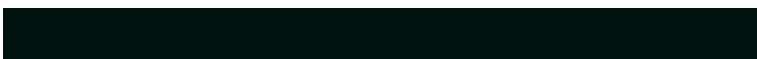
126, 140, 162



73, 78, 82



0, 76, 145



0, 10, 18

Inverse Universe

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



162, 126, 130



212, 155, 161



162, 149, 126



82, 73, 74



145, 0, 15



18, 0, 2

Previews

White Background



This preview shows how the RYB color 126, 145, 162 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, 145, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

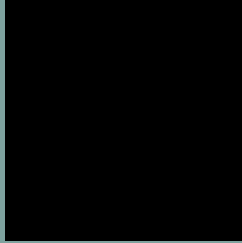
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

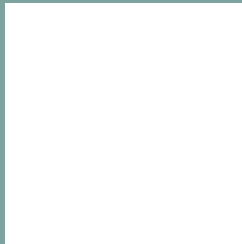
Any Text WCAG AAA ✓ Pass

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

RYB 126, 145, 162 Background



This preview shows how black text looks on a background with the RYB color 126, 145, 162.

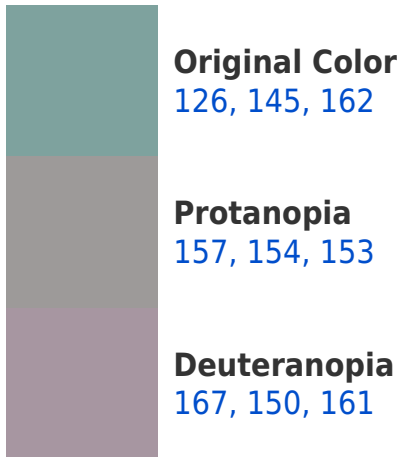


This preview shows how white text looks on a background with the RYB color 126, 145, 162.

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, 147, 173

Trichromacy



Original Color

126, 145, 162

Protanomaly

146, 152, 157

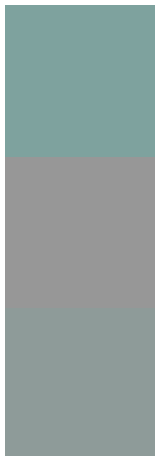
Deuteranomaly

152, 154, 160

Tritanomaly

128, 146, 168

Monochromacy



Original Color

126, 145, 162

Achromatopsia

151, 151, 151

Achromatomaly

142, 149, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 145, 162 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, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(126, 162, 158)  
}
```

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, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 162, 158) }
```

Border

The CSS property to change the border of an element to RYB 126, 145, 162 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, 162, 158) }
```

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

```
.border{ border-color:rgb(126, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(126, 162,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 126, 145, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 162, 158) }
```

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

```
.background{ background-color: rgb(126,  
162, 158) }
```

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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