

Converting Colors

`RYB(146, 160, 166)`

Have a look what the booklet for
RYB(146, 160, 166) contains.

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Color

R_YB(146, 160, 166)

Conversions

Conversions Part 1

Format	Color
Hex	92A69B
RGB	146, 166, 155
RGB Percent	57%, 65%, 61%
CMY	0.4275, 0.3490, 0.3938
CMYK	0.12, 0.00, 0.07, 0.35
HSL	146°, 10%, 61%
HSV	146°, 12%, 65%
XYZ	31.3707, 35.7356, 36.0662
YIQ	158.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

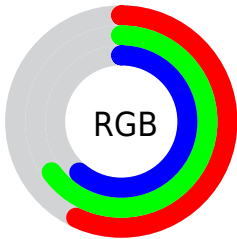
Format	Color
RYB	146, 160, 166
Decimal	9610907
CIELab	66.32, -9.28, 3.55
CIElCh	66, 9.931, 159.082
Yxy	35.7356, 0.3041, 0.3464
Android (android.graphics.Color)	4287800987 (0xFF92A69B)
YUV	158.7660, -1.8566, -11.1958
Hunter-Lab	59.7793, -10.9412, 6.0745

Details

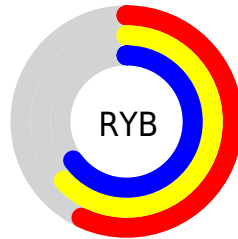
The RYB color **146, 160, 166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 146, 157**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **200, 215, 221**, and **95, 108, 114** is the 20% darker color. If you saturate the color by 10%, you get **129, 155, 166**, and if you desaturate by 10%, it is **163, 165, 166**.

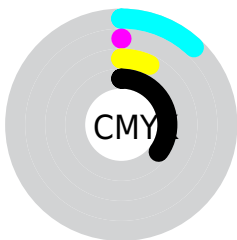
Distribution



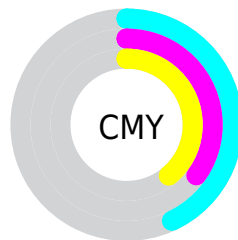
- Red (57%)
- Green (65%)
- Blue (61%)



- Red (57%)
- Yellow (63%)
- Blue (65%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)



- Cyan (43%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 160, 166 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 146, 160, 166 by changing the saturation by 10% instead.


 146, 160, 166


255, 255, 255

 200, 215, 221

 228, 244, 250


 146, 160, 166

 120, 134, 140

 95, 108, 114

 72, 85, 90

 49, 61, 66

 28, 39, 44

 3, 17, 24

 0, 0, 0

 146, 160, 166


 129, 155, 166

 146, 160, 166

 163, 165, 166


 113, 150, 166


 179, 166, 174

 96, 145, 166


 196, 166, 183


 80, 140, 166


 212, 166, 193

 63, 135, 166


 229, 166, 202

 46, 130, 166

 246, 166, 211

 30, 125, 166

 255, 166, 221

 13, 120, 166

 255, 166, 230

 0, 116, 166

 255, 166, 240

Harmonies

Analogous

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



147, 164, 156



146, 160, 166



140, 154, 167

Triad

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



146, 160, 166



155, 160, 179



180, 158, 150

Complementary

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



146, 160, 166



166, 146, 157

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.



180, 155, 159



146, 160, 166



166, 158, 175

Square

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



146, 160, 166



145, 157, 178



175, 156, 168



175, 171, 145

Rectangle

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



146, 160, 166



139, 153, 169



175, 156, 168



181, 156, 153

Sweetspot

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



146, 160, 166



208, 214, 217



146, 166, 154



104, 108, 110



237, 237, 237



110, 110, 110

Same Dimension

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



146, 160, 166



186, 208, 217



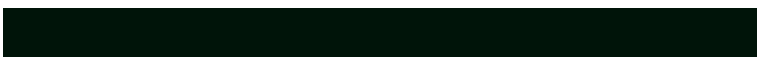
146, 157, 166



76, 82, 84



0, 104, 148



0, 14, 20

Inverse Universe

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



166, 146, 157



217, 186, 204



166, 146, 148



84, 76, 81



148, 0, 85



20, 0, 12

Previews

White Background



This preview shows how the RYB color 146, 160, 166 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 146, 160, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

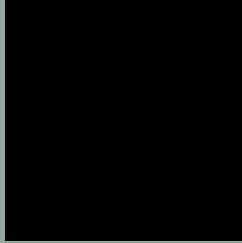
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

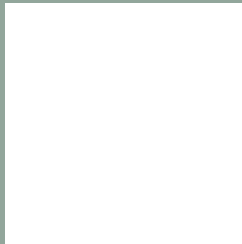
Any Text WCAG AAA ✓ Pass

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

RYB 146, 160, 166 Background



This preview shows how black text looks on a background with the RYB color 146, 160, 166.



This preview shows how white text looks on a background with the RYB color 146, 160, 166.

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](#).

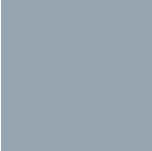
Dichromacy



Original Color
146, 160, 166

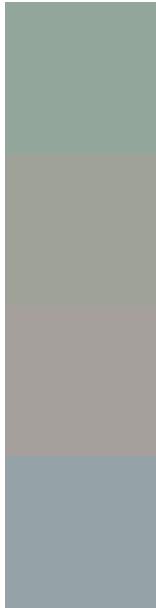
Protanopia
161, 166, 151

Deuteranopia
178, 156, 157



Tritanopia
150, 159, 176

Trichromacy



Original Color

146, 160, 166

Protanomaly

152, 162, 155

Deuteranomaly

166, 163, 156

Tritanomaly

149, 157, 168

Monochromacy



Original Color

146, 160, 166

Achromatopsia

159, 159, 159

Achromatomaly

154, 160, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 160, 166 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(146, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(146, 166, 155)  
}
```

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(146, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 166, 155) }
```

Border

The CSS property to change the border of an element to RYB 146, 160, 166 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(146, 166, 155) }
```

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

```
.border{ border-color:rgb(146, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(146, 166,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 146, 160, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 166, 155) }
```

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

```
.background{ background-color: rgb(146,  
166, 155) }
```

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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