

Converting Colors

`RYB(146, 169, 175)`

Have a look what the booklet for RYB(146, 169, 175) contains.

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Color

R_YB(146, 169, 175)

Conversions

Conversions Part 1

Format	Color
Hex	92AF9A
RGB	146, 175, 154
RGB Percent	57%, 69%, 60%
CMY	0.4275, 0.3137, 0.3978
CMYK	0.17, 0.00, 0.12, 0.31
HSL	136°, 15%, 63%
HSV	136°, 17%, 69%
XYZ	32.9806, 39.0896, 36.1891
YIQ	163.9350, -10.5430, -12.6790

Conversions

Conversions Part 2

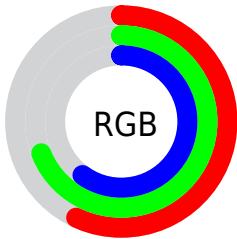
Format	Color
RYB	146, 169, 175
Decimal	9613210
CIELab	68.82, -14.23, 7.70
CIELCh	69, 16.181, 151.599
Yxy	39.0896, 0.3046, 0.3611
Android (android.graphics.Color)	4287803290 (0xFF92AF9A)
YUV	163.9350, -4.8980, -15.7290
Hunter-Lab	62.5217, -15.2529, 9.4466

Details

The RYB color **146, 169, 175** is a light color, and the websafe version is hex **669999**. A complement of this color would be **175, 146, 167**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **200, 225, 231**, and **95, 116, 122** is the 20% darker color. If you saturate the color by 10%, you get **129, 165, 175**, and if you desaturate by 10%, it is **163, 172, 175**.

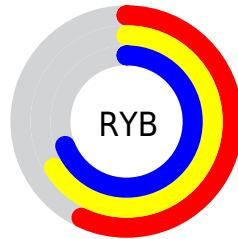
Distribution



Red (57%)

Green (69%)

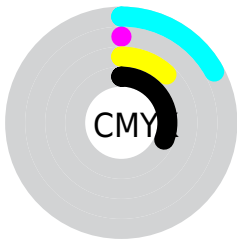
Blue (60%)



Red (57%)

Yellow (66%)

Blue (69%)

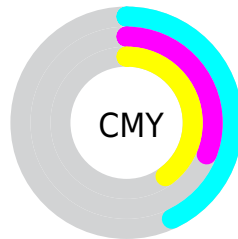


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (43%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 169, 175 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, 169, 175 by changing the saturation by 10% instead.

 146, 169, 175


255, 255, 255


 200, 225, 231

 228, 249, 255

 146, 169, 175

 120, 142, 148

 95, 116, 122

 71, 92, 98

 48, 68, 74

 26, 45, 51

 4, 23, 30


 0, 0, 0


 146, 169, 175


 129, 165, 175


 146, 169, 175


 163, 172, 175

 111, 162, 175


 181, 175, 179

 94, 158, 175


 199, 175, 192


 76, 154, 175

 216, 175, 205

 58, 150, 175

 234, 175, 218

 41, 147, 175

 251, 175, 231

 23, 143, 175

 255, 175, 244

 6, 140, 175

 255, 175, 255

 0, 139, 175

Harmonies

Analogous

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



143, 172, 153



146, 169, 175



133, 157, 176

Triad

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



146, 169, 175



153, 165, 197



198, 160, 153

Complementary

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



146, 169, 175



175, 146, 167

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.



197, 158, 168



146, 169, 175



172, 164, 193

Square

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



146, 169, 175



137, 159, 193



188, 160, 182



192, 174, 143

Rectangle

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



146, 169, 175



129, 153, 178



188, 160, 182



199, 158, 158

Sweetspot

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



146, 169, 175



216, 225, 227



146, 175, 153



108, 113, 115



242, 242, 242



115, 115, 115

Same Dimension

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



146, 169, 175



182, 218, 227



146, 162, 175



78, 85, 87



0, 119, 150



0, 18, 23

Inverse Universe

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



175, 146, 167



227, 182, 215



175, 146, 153



87, 78, 84



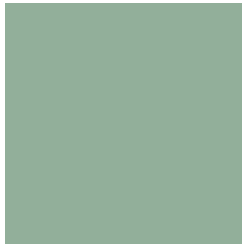
150, 0, 111



23, 0, 17

Previews

White Background



This preview shows how the RYB color 146, 169, 175 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, 169, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

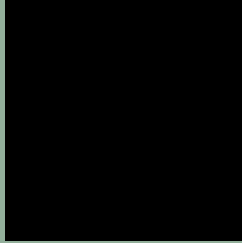
Any Text WCAG AA ✓ Pass

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, 169, 175 Background



This preview shows how black text looks on a background with the RYB color 146, 169, 175.



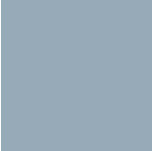
This preview shows how white text looks on a background with the RYB color 146, 169, 175.

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](#).

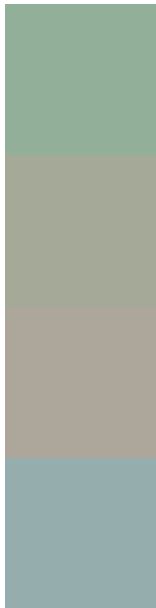
Dichromacy





Tritanopia
151, 163, 184

Trichromacy



Original Color

146, 169, 175

Protanomaly

151, 170, 157

Deuteranomaly

164, 173, 155

Tritanomaly

149, 161, 173

Monochromacy



Original Color

146, 169, 175

Achromatopsia

164, 164, 164

Achromatomaly

157, 166, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 169, 175 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, 175, 154) looks like.

```
.text, #text, p{  
    color:rgb(146, 175, 154)  
}
```

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, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 175, 154) }
```

Border

The CSS property to change the border of an element to RYB 146, 169, 175 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, 175, 154) }
```

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

```
.border{ border-color:rgb(146, 175, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 175, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(146, 175,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 146, 169, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 175, 154) }
```

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

```
.background{ background-color: rgb(146,  
175, 154) }
```

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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