

Converting Colors

`RYB(146, 144, 174)`

Have a look what the booklet for
RYB(146, 144, 174) contains.

RYB(146, 144, 174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(146, 144, 174)$

Conversions

Conversions Part 1

Format	Color
Hex	9290AE
RGB	146, 144, 174
RGB Percent	57%, 56%, 68%
CMY	0.4275, 0.4353, 0.3176
CMYK	0.16, 0.17, 0.00, 0.32
HSL	244°, 16%, 62%
HSV	244°, 17%, 68%
XYZ	29.4673, 29.1135, 44.1108
YIQ	148.0180, -8.4380, 9.7540

Conversions

Conversions Part 2

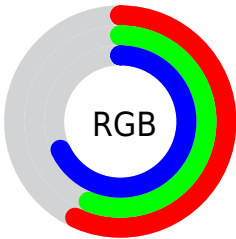
Format	Color
RYB	146, 144, 174
Decimal	9605294
CIELab	60.88, 7.02, -15.43
CIELCh	61, 16.954, 294.456
Yxy	29.1135, 0.2869, 0.2835
Android (android.graphics.Color)	4287795374 (0xFF9290AE)
YUV	148.0180, 12.8091, -1.7698
Hunter-Lab	53.9569, 3.0589, -10.7008

Details

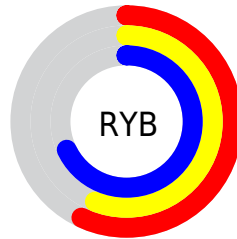
The RYB color **146, 144, 174** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **144, 174, 146**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **200, 198, 230**, and **95, 94, 122** is the 20% darker color. If you saturate the color by 10%, you get **130, 127, 174**, and if you desaturate by 10%, it is **162, 161, 174**.

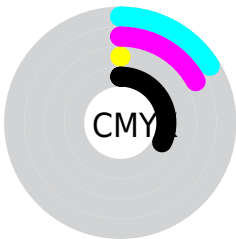
Distribution



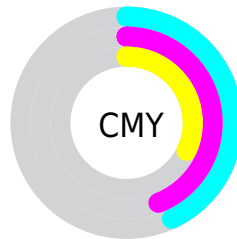
- Red (57%)
- Green (56%)
- Blue (68%)



- Red (57%)
- Yellow (56%)
- Blue (68%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (32%)



- Cyan (43%)
- Magenta (44%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the RYB color 146, 144, 174 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, 144, 174 by changing the saturation by 10% instead.


 146, 144, 174

255, 255, 255

 200, 198, 230


 228, 226, 255

255, 254, 255

 146, 144, 174

 120, 118, 147

 95, 94, 122

 71, 70, 97

 48, 48, 73


 26, 27, 50


 4, 0, 30

 0, 0, 0

 146, 144, 174

 130, 127, 174

 146, 144, 174

 162, 161, 174

■ 114, 109, 174

■ 174, 179, 175

■ 97, 92, 174

■ 174, 196, 175

■ 81, 74, 174

■ 174, 214, 177

■ 65, 57, 174

■ 174, 231, 178

■ 49, 40, 174

■ 174, 248, 179

■ 32, 22, 174

■ 174, 255, 174

■ 16, 5, 174

■ 12, 0, 174

Harmonies

Analogous

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



126, 142, 176



146, 144, 174



164, 139, 164

Triad

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



146, 144, 174



173, 149, 123



114, 138, 155

Complementary

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



146, 144, 174



144, 174, 146

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.



128, 152, 153



146, 144, 174



142, 161, 117

Square

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



146, 144, 174



178, 137, 135



120, 150, 125



106, 131, 159

Rectangle

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



146, 144, 174



172, 137, 155



120, 150, 125



118, 142, 155

Sweetspot

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



146, 144, 174



216, 216, 227



144, 158, 174



108, 108, 115



242, 242, 242



115, 115, 115

Same Dimension

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



146, 144, 174



182, 179, 227



161, 144, 174



79, 78, 87



10, 0, 150



2, 0, 23

Inverse Universe

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



174, 144, 172



227, 179, 224



144, 174, 161



87, 78, 86



150, 0, 140



23, 0, 21

Previews

White Background



This preview shows how the RYB color 146, 144, 174 looks on a white background.

Color Contrast Check

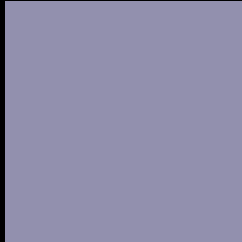
Large Text (above 18pt) WCAG AA ✓ Pass

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, 144, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

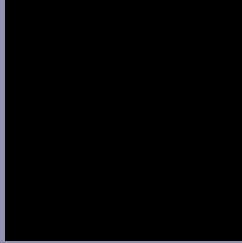
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 146, 144, 174 Background



This preview shows how black text looks on a background with the RYB color 146, 144, 174.



This preview shows how white text looks on a background with the RYB color 146, 144, 174.

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, 144, 174

Protanopia
141, 145, 175

Deuteranopia
148, 143, 174



Tritanopia

143, 146, 158

Trichromacy



Original Color

146, 144, 174

Protanomaly

143, 145, 175

Deuteranomaly

147, 143, 174

Tritanomaly

144, 146, 164

Monochromacy



Original Color

146, 144, 174

Achromatopsia

148, 148, 148

Achromatomaly

147, 147, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 144, 174 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, 144, 174)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 174)  
}
```

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, 144, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 174) }
```

Border

The CSS property to change the border of an element to RYB 146, 144, 174 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, 144, 174) }
```

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

```
.border{ border-color:rgb(146, 144, 174) }
```

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

Here you see how a box with a 4 pixel rgb(146, 144, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 144, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 144, 174);  
box-shadow:4px 4px 4px 4px rgb(146, 144,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 146, 144, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 144, 174) }
```

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

```
.background{ background-color: rgb(146,  
144, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor