

Converting Colors

`RYB(146, 151, 183)`

Have a look what the booklet for
RYB(146, 151, 183) contains.

RYB(146, 151, 183)	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

R_YB(146, 151, 183)

Conversions

Conversions Part 1

Format	Color
Hex	9298B7
RGB	146, 152, 183
RGB Percent	57%, 60%, 72%
CMY	0.4275, 0.4048, 0.2824
CMYK	0.20, 0.17, 0.00, 0.28
HSL	231°, 20%, 65%
HSV	231°, 20%, 72%
XYZ	31.5941, 31.9154, 49.2949
YIQ	153.7400, -13.5270, 8.3690

Conversions

Conversions Part 2

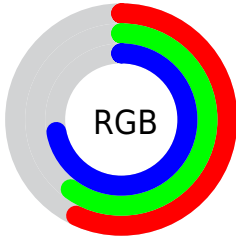
Format	Color
R_{YB}	146, 151, 183
Decimal	9607351
CIE _{Lab}	63.27, 4.66, -16.89
CIE _{LCh}	63, 17.526, 285.436
Yxy	31.9154, 0.2801, 0.2829
Android (android.graphics.Color)	4287797431 (0xFF9298B7)
YUV	153.7400, 14.4252, -6.7880
Hunter-Lab	56.4937, 0.9619, -12.1892

Details

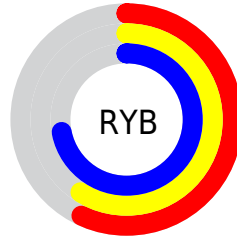
The RYB color **146, 151, 183** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **153, 183, 146**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **200, 205, 239**, and **95, 100, 130** is the 20% darker color. If you saturate the color by 10%, you get **128, 135, 183**, and if you desaturate by 10%, it is **164, 167, 183**.

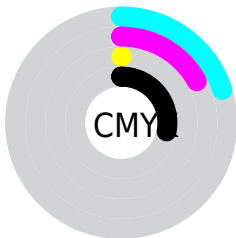
Distribution



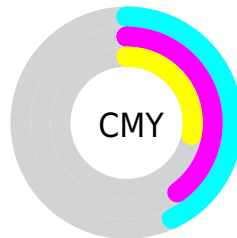
- Red (57%)
- Green (60%)
- Blue (72%)



- Red (57%)
- Yellow (59%)
- Blue (72%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (43%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 151, 183 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, 151, 183 by changing the saturation by 10% instead.

■ 146, 151, 183

255, 255, 255

■ 200, 205, 239

■ 229, 233, 255

■ 146, 151, 183

■ 120, 125, 156

■ 95, 100, 130

■ 71, 76, 105

■ 47, 53, 81

■ 25, 31, 58

■ 2, 8, 36

■ 0, 1, 13


■ 0, 0, 0


■ 146, 151, 183


■ 146, 151, 183

 128, 135, 183

 164, 167, 183

 109, 119, 183

 183, 183, 183

 91, 103, 183

 187, 201, 183

 73, 88, 183

 189, 219, 183

 55, 72, 183

 194, 238, 183

 36, 56, 183

 196, 255, 183

 18, 40, 183

 183, 255, 183

 0, 25, 183

Harmonies

Analogous

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



126, 146, 183



146, 151, 183



166, 147, 175

Triad

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



146, 151, 183



183, 149, 132



122, 147, 162

Complementary

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



146, 151, 183



153, 183, 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.



131, 159, 151



146, 151, 183



163, 172, 123

Square

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



146, 151, 183



186, 142, 146



125, 157, 123



112, 137, 162

Rectangle

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



146, 151, 183



176, 144, 166



125, 157, 123



128, 152, 161

Sweetspot

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



146, 151, 183



223, 225, 237



146, 166, 183



111, 113, 120



247, 247, 247



120, 120, 120

Same Dimension

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



146, 151, 183



180, 188, 237



158, 146, 183



83, 84, 92



0, 21, 156



0, 4, 28

Inverse Universe

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



183, 146, 152



237, 180, 189



146, 183, 158



92, 83, 84



156, 0, 24



28, 0, 4

Previews

White Background



This preview shows how the RYB color 146, 151, 183 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, 151, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

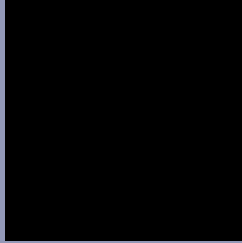
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

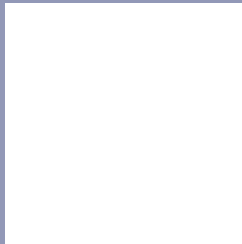
Any Text WCAG AAA ✓ Pass

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

RYB 146, 151, 183 Background



This preview shows how black text looks on a background with the RYB color 146, 151, 183.



This preview shows how white text looks on a background with the RYB color 146, 151, 183.

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](#).

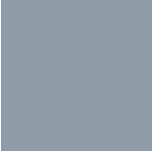
Dichromacy



Original Color
146, 151, 183

Protanopia
146, 151, 183

Deuteranopia
153, 150, 183



Tritanopia
143, 151, 167

Trichromacy



Original Color
146, 151, 183

Protanomaly
146, 151, 183

Deuteranomaly
150, 151, 183

Tritanomaly
144, 151, 173

Monochromacy



Original Color
146, 151, 183

Achromatopsia
154, 154, 154

Achromatomaly
151, 153, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 151, 183 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, 152, 183)` looks like.

```
.text, #text, p{  
    color:rgb(146, 152, 183)  
}
```

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, 152, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 152, 183) }
```

Border

The CSS property to change the border of an element to RYB 146, 151, 183 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, 152, 183) }
```

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

```
.border{ border-color:rgb(146, 152, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 152, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 152, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 152, 183);  
box-shadow:4px 4px 4px 4px rgb(146, 152,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 146, 151, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 152, 183) }
```

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

```
.background{ background-color: rgb(146,  
152, 183) }
```

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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