

Converting Colors

`RYB(131, 146, 180)`

Have a look what the booklet for
RYB(131, 146, 180) contains.

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Color

R_YB(131, 146, 180)

Conversions

Conversions Part 1

Format	Color
Hex	8399B4
RGB	131, 153, 180
RGB Percent	51%, 60%, 71%
CMY	0.4863, 0.4015, 0.2941
CMYK	0.27, 0.15, 0.00, 0.29
HSL	214°, 25%, 61%
HSV	214°, 27%, 71%
XYZ	28.9270, 30.7781, 47.5962
YIQ	149.5000, -21.7790, 3.7330

Conversions

Conversions Part 2

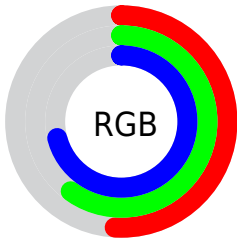
Format	Color
RYB	131, 146, 180
Decimal	8624564
CIELab	62.32, -1.26, -16.75
CIElCh	62, 16.800, 265.695
Yxy	30.7781, 0.2696, 0.2868
Android (android.graphics.Color)	4286814644 (0xFF8399B4)
YUV	149.5000, 15.0365, -16.2245
Hunter-Lab	55.4780, -4.0140, -12.0320

Details

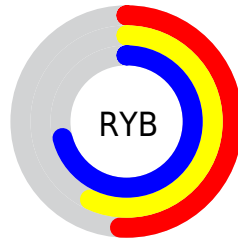
The RYB color **131, 146, 180** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **171, 180, 131**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **185, 200, 236**, and **80, 95, 127** is the 20% darker color. If you saturate the color by 10%, you get **113, 134, 180**, and if you desaturate by 10%, it is **149, 159, 180**.

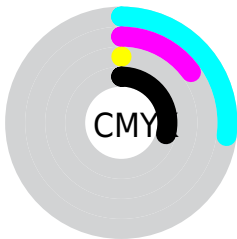
Distribution



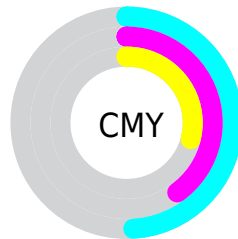
- Red (51%)
- Green (60%)
- Blue (71%)



- Red (51%)
- Yellow (57%)
- Blue (71%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (49%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 146, 180 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 131, 146, 180 by changing the saturation by 10% instead.

■ 131, 146, 180

255, 255, 255

■ 185, 200, 236

■ 213, 227, 255

■ 241, 248, 255

■ 131, 146, 180

■ 105, 120, 153

■ 80, 95, 127

■ 56, 71, 102

■ 32, 47, 78

■ 6, 24, 55

■ 0, 8, 34

■ 0, 0, 9

■ 0, 0, 0

■ 131, 146, 180

■ 131, 146, 180

■ 113, 134, 180

■ 149, 159, 180

■ 95, 121, 180

■ 167, 171, 180

■ 77, 108, 180

■ 183, 185, 180

■ 59, 96, 180

■ 198, 203, 180

■ 41, 83, 180

■ 212, 221, 180

■ 23, 71, 180

■ 226, 239, 180

■ 5, 58, 180

■ 236, 255, 180

■ 0, 55, 180

■ 211, 255, 180

■ 194, 255, 180

Harmonies

Analogous

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



116, 140, 175



131, 146, 180



151, 148, 177

Triad

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



131, 146, 180



182, 141, 138



131, 155, 157

Complementary

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



131, 146, 180



171, 180, 131

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.



124, 154, 130



131, 146, 180



176, 153, 127

Square

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



131, 146, 180



179, 140, 153



144, 164, 121



117, 141, 159

Rectangle

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



131, 146, 180



163, 144, 172



144, 164, 121



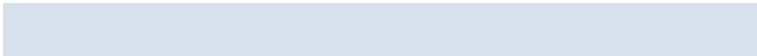
130, 156, 149

Sweetspot

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



131, 146, 180



216, 222, 235



131, 163, 180



106, 109, 117



245, 245, 245



117, 117, 117

Same Dimension

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



131, 146, 180



157, 181, 235



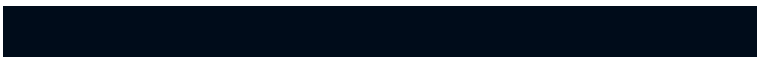
133, 131, 180



80, 83, 89



0, 47, 153



0, 8, 26

Inverse Universe

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



180, 131, 153



235, 157, 191



131, 180, 133



89, 80, 84



153, 0, 68



26, 0, 11

Previews

White Background



This preview shows how the RYB color 131, 146, 180 looks on a white background.

Color Contrast Check

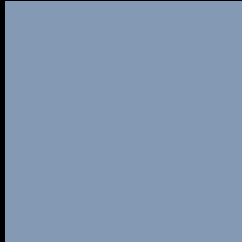
Large Text (above 18pt) WCAG AA × Fail

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 131, 146, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

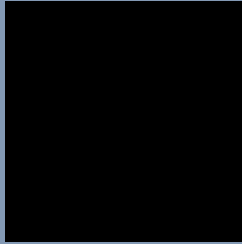
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

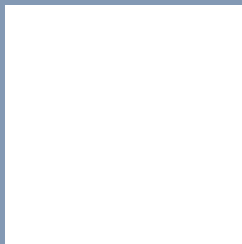
Any Text WCAG AAA ✓ Pass

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

RYB 131, 146, 180 Background



This preview shows how black text looks on a background with the RYB color 131, 146, 180.



This preview shows how white text looks on a background with the RYB color 131, 146, 180.

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
131, 146, 180

Protanopia
145, 149, 178

Deuteranopia
150, 147, 181



Tritanopia
128, 144, 167

Trichromacy



Original Color
131, 146, 180

Protanomaly
140, 148, 179

Deuteranomaly
143, 148, 181

Tritanomaly
129, 145, 172

Monochromacy



Original Color
131, 146, 180

Achromatopsia
149, 149, 149

Achromatomaly
142, 148, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 146, 180 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(131, 153, 180)` looks like.

```
.text, #text, p{  
    color:rgb(131, 153, 180)  
}
```

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(131, 153, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 153, 180) }
```

Border

The CSS property to change the border of an element to RYB 131, 146, 180 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(131, 153, 180) }
```

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

```
.border{ border-color:rgb(131, 153, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 153, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 153, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 153, 180);  
box-shadow:4px 4px 4px 4px rgb(131, 153,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 131, 146, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 153, 180) }
```

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

```
.background{ background-color: rgb(131,  
153, 180) }
```

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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