

Converting Colors

`RYB(146, 149, 180)`

Have a look what the booklet for RYB(146, 149, 180) contains.

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Color

R_YB(146, 149, 180)

Conversions

Conversions Part 1

Format	Color
Hex	9295B4
RGB	146, 149, 180
RGB Percent	57%, 58%, 71%
CMY	0.4275, 0.4145, 0.2941
CMYK	0.19, 0.17, 0.00, 0.29
HSL	234°, 18%, 64%
HSV	234°, 19%, 71%
XYZ	30.8857, 30.9932, 47.5344
YIQ	151.6370, -11.7390, 9.0050

Conversions

Conversions Part 2

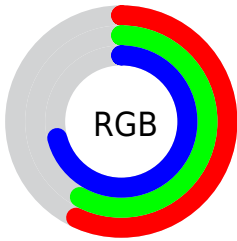
Format	Color
RYB	146, 149, 180
Decimal	9606580
CIELab	62.50, 5.38, -16.37
CIElCh	63, 17.234, 288.191
Yxy	30.9932, 0.2823, 0.2833
Android (android.graphics.Color)	4287796660 (0xFF9295B4)
YUV	151.6370, 13.9830, -4.9436
Hunter-Lab	55.6715, 1.6040, -11.6540

Details

The RYB color **146, 149, 180** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **149, 180, 146**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **200, 203, 236**, and **95, 98, 127** is the 20% darker color. If you saturate the color by 10%, you get **128, 133, 180**, and if you desaturate by 10%, it is **164, 166, 180**.

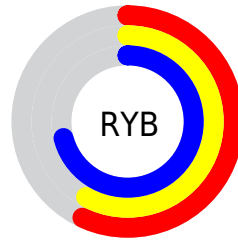
Distribution



Red (57%)

Green (58%)

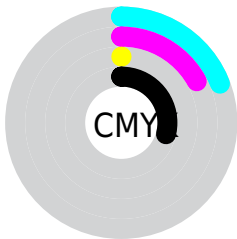
Blue (71%)



Red (57%)

Yellow (58%)

Blue (71%)

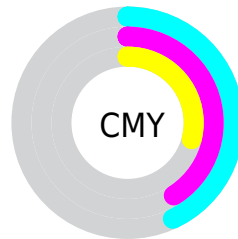


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (29%)



Cyan (43%)

Magenta (41%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 149, 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 146, 149, 180 by changing the saturation by 10% instead.

■ 146, 149, 180

255, 255, 255

■ 200, 203, 236

■ 228, 231, 255

■ 146, 149, 180

■ 120, 124, 153

■ 95, 99, 127

■ 71, 75, 102

■ 48, 52, 78

■ 26, 30, 55

■ 3, 7, 34

■ 0, 0, 8


■ 0, 0, 0


■ 146, 149, 180


■ 146, 149, 180

 128, 133, 180

 164, 166, 180

 110, 116, 180

 180, 182, 180

 92, 100, 180

 182, 200, 180

 74, 83, 180

 184, 218, 180

 56, 67, 180


 185, 236, 180


 38, 51, 180

 188, 254, 180

 20, 34, 180

 180, 255, 180

 2, 18, 180

 0, 16, 180

Harmonies

Analogous

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



126, 145, 181



146, 149, 180



165, 144, 172

Triad

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



146, 149, 180



180, 148, 129



120, 145, 160

Complementary

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



146, 149, 180



149, 180, 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.



130, 157, 151



146, 149, 180



160, 169, 122

Square

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



146, 149, 180



183, 141, 142



122, 153, 122



110, 135, 160

Rectangle

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



146, 149, 180



175, 142, 163



122, 153, 122



125, 149, 159

Sweetspot

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



146, 149, 180



221, 222, 235



146, 164, 180



109, 110, 117



245, 245, 245



117, 117, 117

Same Dimension

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



146, 149, 180



181, 186, 235



160, 146, 180



80, 81, 89



0, 14, 153



0, 2, 26

Inverse Universe

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



180, 146, 149



235, 181, 186



146, 180, 160



89, 80, 81



153, 0, 15



26, 0, 2

Previews

White Background



This preview shows how the RYB color 146, 149, 180 looks on a white background.

Color Contrast Check

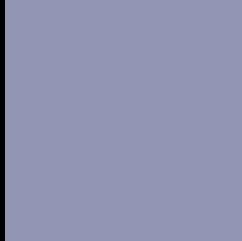
Large Text (above 18pt) WCAG AA × Fail

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 146, 149, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

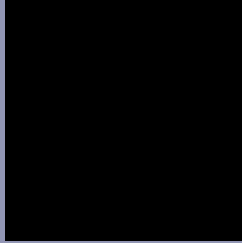
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

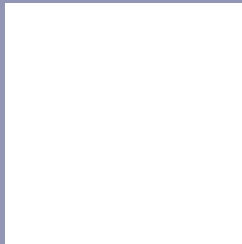
Any Text WCAG AAA ✓ Pass

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

RYB 146, 149, 180 Background



This preview shows how black text looks on a background with the RYB color 146, 149, 180.



This preview shows how white text looks on a background with the RYB color 146, 149, 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
146, 149, 180

Protanopia
145, 149, 180

Deuteranopia
151, 148, 180



Tritanopia
143, 149, 164

Trichromacy



Original Color

146, 149, 180

Protanomaly

145, 149, 180

Deuteranomaly

149, 148, 180

Tritanomaly

144, 150, 170

Monochromacy



Original Color

146, 149, 180

Achromatopsia

152, 152, 152

Achromatomaly

150, 151, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 149, 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(146, 149, 180) looks like.

```
.text, #text, p{  
    color:rgb(146, 149, 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(146, 149, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 149, 180) }
```

Border

The CSS property to change the border of an element to RYB 146, 149, 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(146, 149, 180) }
```

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

```
.border{ border-color:rgb(146, 149, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 149, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 149, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 149, 180);  
box-shadow:4px 4px 4px 4px rgb(146, 149,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 146, 149, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 149, 180) }
```

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

```
.background{ background-color: rgb(146,  
149, 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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