

Converting Colors

`RYB(146, 157, 201)`

Have a look what the booklet for
RYB(146, 157, 201) contains.

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Color

R_YB(146, 157, 201)

Conversions

Conversions Part 1

Format	Color
Hex	92A0C9
RGB	146, 160, 201
RGB Percent	57%, 63%, 79%
CMY	0.4275, 0.3735, 0.2118
CMYK	0.27, 0.21, 0.00, 0.21
HSL	225°, 34%, 68%
HSV	225°, 27%, 79%
XYZ	34.9242, 35.3831, 60.2473
YIQ	160.4880, -21.5050, 9.7830

Conversions

Conversions Part 2

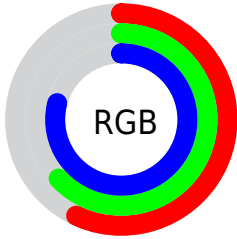
Format	Color
R_{YB}	146, 157, 201
Decimal	9609417
CIE _{Lab}	66.05, 4.48, -22.74
CIE _{LCh}	66, 23.172, 281.142
Yxy	35.3831, 0.2675, 0.2710
Android (android.graphics.Color)	4287799497 (0xFF92A0C9)
YUV	160.4880, 19.9724, -12.7060
Hunter-Lab	59.4837, 0.7049, -18.4125

Details

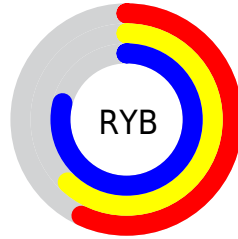
The RYB color **146, 157, 201** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **165, 201, 146**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **201, 212, 255**, and **94, 106, 147** is the 20% darker color. If you saturate the color by 10%, you get **126, 141, 201**, and if you desaturate by 10%, it is **166, 173, 201**.

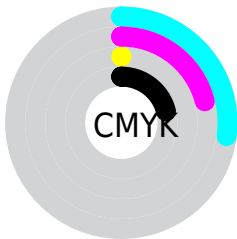
Distribution



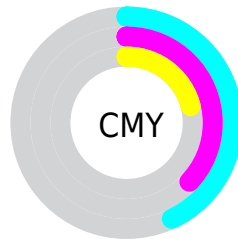
- Red (57%)
- Green (63%)
- Blue (79%)



- Red (57%)
- Yellow (62%)
- Blue (79%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)
- Black (21%)



- Cyan (43%)
- Magenta (37%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 157, 201 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, 157, 201 by changing the saturation by 10% instead.

■ 146, 157, 201

255, 255, 255

■ 201, 211, 255

■ 229, 238, 255

■ 146, 157, 201

■ 120, 131, 174

■ 94, 105, 147

■ 69, 81, 121

■ 45, 57, 96

■ 20, 34, 72

■ 0, 14, 49

■ 0, 2, 28

■ 0, 0, 0

■ 146, 157, 201

■ 146, 157, 201

■ 126, 141, 201

■ 166, 173, 201

■ 106, 125, 201

■ 186, 189, 201

■ 86, 109, 201

■ 202, 206, 201

■ 66, 93, 201

■ 209, 226, 201

■ 46, 77, 201

■ 217, 247, 201

■ 25, 60, 201

■ 207, 255, 201

■ 5, 44, 201

■ 201, 255, 201

■ 0, 40, 201

Harmonies

Analogous

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



118, 148, 199



146, 157, 201



174, 153, 192

Triad

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



146, 157, 201



200, 153, 134



121, 154, 171

Complementary

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



146, 157, 201



165, 201, 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.



129, 167, 151



146, 157, 201



188, 188, 122

Square

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



146, 157, 201



203, 146, 153



127, 168, 120



104, 139, 172

Rectangle

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



146, 157, 201



188, 149, 181



127, 168, 120



129, 161, 170

Sweetspot

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



146, 157, 201



235, 239, 255



146, 178, 201



115, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



146, 157, 201



171, 188, 255



160, 146, 201



90, 92, 99



0, 33, 163



0, 7, 36

Inverse Universe

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



201, 146, 160



255, 171, 192



146, 201, 160



99, 90, 92



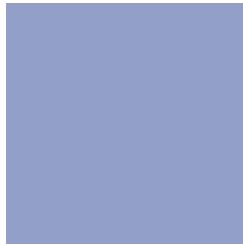
163, 0, 41



36, 0, 9

Previews

White Background



This preview shows how the RYB color 146, 157, 201 looks on a white background.

Color Contrast Check

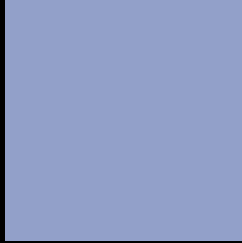
Large Text (above 18pt) WCAG AA × Fail

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, 157, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

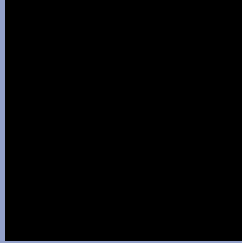
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

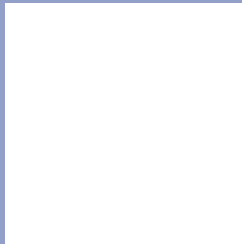
Any Text WCAG AAA ✓ Pass

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

RYB 146, 157, 201 Background



This preview shows how black text looks on a background with the RYB color 146, 157, 201.



This preview shows how white text looks on a background with the RYB color 146, 157, 201.

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](#).

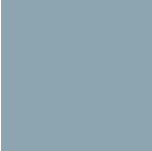
Dichromacy



Original Color
146, 157, 201

Protanopia
150, 158, 200

Deuteranopia
155, 157, 202



Tritanopia
141, 155, 177

Trichromacy



Original Color
146, 157, 201

Protanomaly
149, 157, 200

Deuteranomaly
152, 157, 202

Tritanomaly
143, 156, 186

Monochromacy



Original Color
146, 157, 201

Achromatopsia
160, 160, 160

Achromatomaly
155, 159, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 157, 201 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, 160, 201)` looks like.

```
.text, #text, p{  
    color:rgb(146, 160, 201)  
}
```

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, 160, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 160, 201) }
```

Border

The CSS property to change the border of an element to RYB 146, 157, 201 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, 160, 201) }
```

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

```
.border{ border-color:rgb(146, 160, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 160, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 160, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 160, 201);  
box-shadow:4px 4px 4px 4px rgb(146, 160,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 146, 157, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 160, 201) }
```

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

```
.background{ background-color: rgb(146,  
160, 201) }
```

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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