

Converting Colors

`RYB(144, 161, 213)`

Have a look what the booklet for
RYB(144, 161, 213) contains.

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Color

R_YB(144, 161, 213)

Conversions

Conversions Part 1

Format	Color
Hex	90A7D5
RGB	144, 167, 213
RGB Percent	56%, 65%, 84%
CMY	0.4353, 0.3468, 0.1647
CMYK	0.32, 0.22, 0.00, 0.16
HSL	220°, 45%, 70%
HSV	220°, 32%, 84%
XYZ	37.2497, 38.2090, 68.3626
YIQ	165.3670, -28.4740, 9.4300

Conversions

Conversions Part 2

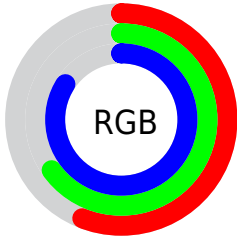
Format	Color
RYB	144, 161, 213
Decimal	9480149
CIELab	68.17, 3.08, -26.13
CIELCh	68, 26.310, 276.725
Yxy	38.2090, 0.2590, 0.2657
Android (android.graphics.Color)	4287670229 (0xFF90A7D5)
YUV	165.3670, 23.4831, -18.7389
Hunter-Lab	61.8135, -0.6069, -22.3024

Details

The RYB color **144, 161, 213** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **179, 213, 144**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **199, 215, 255**, and **91, 109, 158** is the 20% darker color. If you saturate the color by 10%, you get **123, 145, 213**, and if you desaturate by 10%, it is **165, 177, 213**.

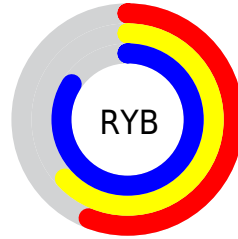
Distribution



Red (56%)

Green (65%)

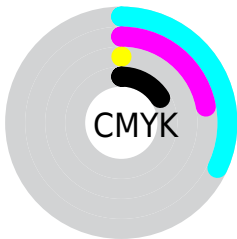
Blue (84%)



Red (56%)

Yellow (63%)

Blue (84%)

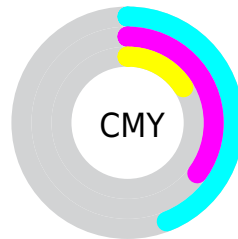


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (44%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 161, 213 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 144, 161, 213 by changing the saturation by 10% instead.

■ 144, 161, 213

255, 255, 255

■ 199, 215, 255

■ 228, 240, 255

■ 144, 161, 213

■ 117, 134, 185

■ 91, 109, 158

■ 66, 84, 132

■ 40, 59, 107

■ 9, 33, 82

■ 0, 18, 59

■ 0, 2, 37

■ 0, 1, 14

■ 0, 0, 0

■ 144, 161, 213

■ 144, 161, 213

■ 123, 145, 213

■ 165, 177, 213

■ 101, 129, 213

■ 187, 193, 213

■ 80, 113, 213

■ 208, 209, 213

■ 59, 97, 213

■ 220, 229, 213

■ 38, 81, 213

■ 233, 251, 213

■ 16, 65, 213

■ 215, 255, 213

■ 0, 53, 213

■ 213, 255, 213

Harmonies

Analogous

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



112, 150, 209



144, 161, 213



177, 158, 204

Triad

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



144, 161, 213



212, 155, 139



125, 162, 178

Complementary

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



144, 161, 213



179, 213, 144

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, 173, 149



144, 161, 213



199, 188, 123

Square

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



144, 161, 213



213, 149, 162



134, 178, 119



102, 143, 180

Rectangle

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



144, 161, 213



194, 153, 193



134, 178, 119



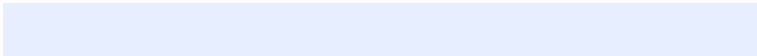
134, 173, 177

Sweetspot

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



144, 161, 213



230, 236, 255



144, 185, 213



112, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



144, 161, 213



156, 180, 255



155, 144, 213



96, 99, 107



0, 42, 171



0, 11, 43

Inverse Universe

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



213, 144, 167



255, 156, 188



144, 213, 155



107, 96, 100



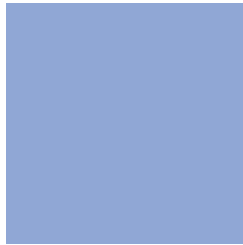
171, 0, 56



43, 0, 14

Previews

White Background



This preview shows how the RYB color 144, 161, 213 looks on a white background.

Color Contrast Check

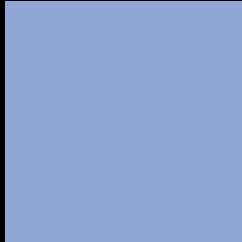
Large Text (above 18pt) WCAG AA × Fail

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 144, 161, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

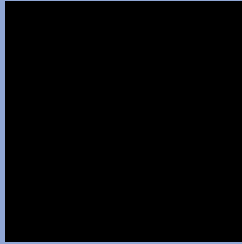
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

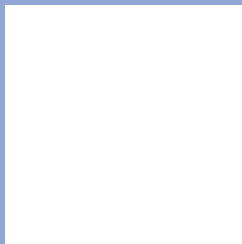
Any Text WCAG AAA ✓ Pass

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

RYB 144, 161, 213 Background



This preview shows how black text looks on a background with the RYB color 144, 161, 213.



This preview shows how white text looks on a background with the RYB color 144, 161, 213.

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

144, 161, 213

Protanopia

154, 163, 211

Deuteranopia

157, 162, 214



Tritanopia

138, 158, 185

Trichromacy



Original Color
144, 161, 213

Protanomaly
150, 162, 212

Deuteranomaly
152, 162, 214

Tritanomaly
140, 159, 195

Monochromacy



Original Color
144, 161, 213

Achromatopsia
165, 165, 165

Achromatomaly
157, 164, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 161, 213 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(144, 167, 213)` looks like.

```
.text, #text, p{  
    color:rgb(144, 167, 213)  
}
```

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(144, 167, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 167, 213) }
```

Border

The CSS property to change the border of an element to RYB 144, 161, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

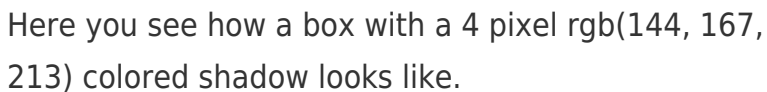
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 167, 213) }
```

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

```
.border{ border-color:rgb(144, 167, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(144, 167, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 167, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 167, 213);  
box-shadow:4px 4px 4px 4px rgb(144, 167,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 144, 161, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 167, 213) }
```

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

```
.background{ background-color: rgb(144,  
167, 213) }
```

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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