

Converting Colors

`RYB(132, 144, 215)`

Have a look what the booklet for
RYB(132, 144, 215) contains.

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Color

$\text{RYB}(132, 144, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	8492D7
RGB	132, 146, 215
RGB Percent	52%, 57%, 84%
CMY	0.4824, 0.4273, 0.1569
CMYK	0.39, 0.32, 0.00, 0.16
HSL	230°, 51%, 68%
HSV	230°, 39%, 84%
XYZ	32.0647, 30.3783, 68.4636
YIQ	149.6800, -30.4930, 18.4910

Conversions

Conversions Part 2

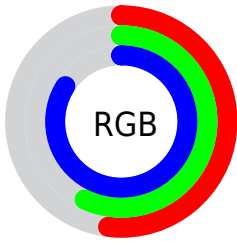
Format	Color
R _Y B	132, 144, 215
Decimal	8688343
CIE Lab	61.98, 11.95, -36.89
CIE LCh	62, 38.782, 287.950
Yxy	30.3783, 0.2449, 0.2321
Android (android.graphics.Color)	4286878423 (0xFF8492D7)
YUV	149.6800, 32.2028, -15.5054
Hunter-Lab	55.1165, 7.3907, -35.0662

Details

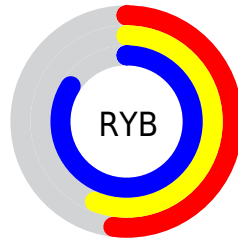
The RYB color **132, 144, 215** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **149, 215, 132**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **188, 198, 255**, and **78, 93, 160** is the 20% darker color. If you saturate the color by 10%, you get **111, 126, 215**, and if you desaturate by 10%, it is **154, 163, 215**.

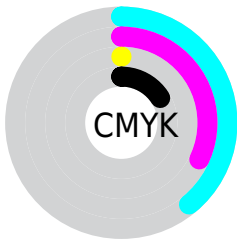
Distribution



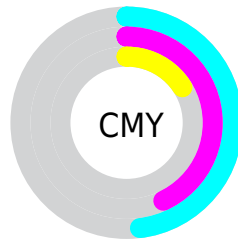
- Red (52%)
- Green (57%)
- Blue (84%)



- Red (52%)
- Yellow (56%)
- Blue (84%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)




- Cyan (48%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 144, 215 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 132, 144, 215 by changing the saturation by 10% instead.


 132, 144, 215

255, 255, 255

 188, 198, 255

 216, 225, 255

 245, 250, 255

 132, 144, 215

 105, 118, 187

 78, 93, 160

 51, 68, 133

 20, 42, 108

 0, 22, 83

 0, 3, 60

 0, 2, 37

 0, 1, 14

 0, 0, 0

■ 132, 144, 215

■ 132, 144, 215

■ 111, 126, 215

■ 154, 163, 215

■ 89, 107, 215

■ 175, 181, 215

■ 68, 89, 215

■ 197, 200, 215

■ 46, 71, 215

■ 217, 218, 215

■ 24, 52, 215

■ 221, 240, 215

■ 3, 34, 215

■ 217, 255, 215

■ 0, 31, 215

■ 215, 255, 215

Harmonies

Analogous

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



66, 123, 216



132, 144, 215



179, 133, 196

Triad

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



132, 144, 215



207, 144, 100



63, 125, 167

Complementary

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



132, 144, 215



149, 215, 132

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.



102, 162, 152



132, 144, 215



151, 184, 82

Square

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



132, 144, 215



216, 123, 130



83, 154, 86



0, 84, 170

Rectangle

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



132, 144, 215



200, 126, 176



83, 154, 86



81, 138, 166

Sweetspot

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



132, 144, 215



224, 229, 255



132, 178, 215



110, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



132, 144, 215



138, 155, 255



158, 132, 215



96, 98, 107



0, 25, 171



0, 6, 43

Inverse Universe

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



215, 132, 146



255, 138, 158



132, 215, 158



107, 96, 98



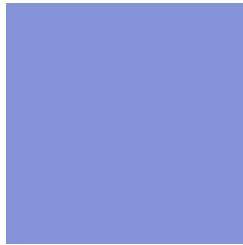
171, 0, 29



43, 0, 7

Previews

White Background



This preview shows how the RYB color 132, 144, 215 looks on a white background.

Color Contrast Check

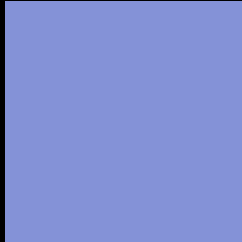
Large Text (above 18pt) WCAG AA × Fail

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 132, 144, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

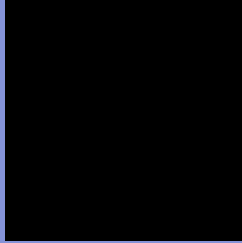
Any Text WCAG AA ✓ Pass

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 132, 144, 215 Background



This preview shows how black text looks on a background with the RYB color 132, 144, 215.



This preview shows how white text looks on a background with the RYB color 132, 144, 215.

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

132, 144, 215

Protanopia

127, 143, 216

Deuteranopia

124, 143, 215



Tritanopia
120, 140, 168

Trichromacy



Original Color
132, 144, 215

Protanomaly
129, 144, 216

Deuteranomaly
127, 143, 215

Tritanomaly
124, 143, 185

Monochromacy



Original Color
132, 144, 215

Achromatopsia
150, 150, 150

Achromatomaly
143, 148, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 144, 215 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(132, 146, 215)` looks like.

```
.text, #text, p{  
    color:rgb(132, 146, 215)  
}
```

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(132, 146, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 146, 215) }
```

Border

The CSS property to change the border of an element to RYB 132, 144, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

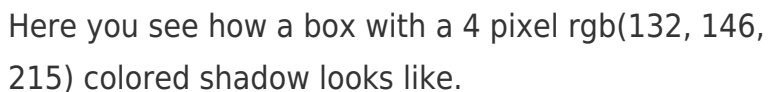
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 146, 215) }
```

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

```
.border{ border-color:rgb(132, 146, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(132, 146, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 146, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 146, 215); box-shadow:4px 4px 4px 4px rgb(132, 146, 215) }
```

Background

The CSS property to change the background color of an element to RYB 132, 144, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 146, 215) }
```

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

```
.background{ background-color: rgb(132,  
146, 215) }
```

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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