

Converting Colors

`RYB(138, 126, 213)`

Have a look what the booklet for RYB(138, 126, 213) contains.

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Color

R_YB(138, 126, 213)

Conversions

Conversions Part 1

Format	Color
Hex	8A7ED5
RGB	138, 126, 213
RGB Percent	54%, 49%, 84%
CMY	0.4588, 0.5059, 0.1647
CMYK	0.35, 0.41, 0.00, 0.16
HSL	248°, 51%, 66%
HSV	248°, 41%, 84%
XYZ	29.9523, 25.1291, 66.2225
YIQ	139.5060, -20.7750, 29.6010

Conversions

Conversions Part 2

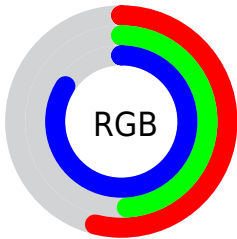
Format	Color
R _Y B	138, 126, 213
Decimal	9076437
CIE Lab	57.20, 24.73, -43.24
CIE LCh	57, 49.815, 299.765
Yxy	25.1291, 0.2469, 0.2072
Android (android.graphics.Color)	4287266517 (0xFF8A7ED5)
YUV	139.5060, 36.2325, -1.3208
Hunter-Lab	50.1289, 18.9292, -43.2345

Details

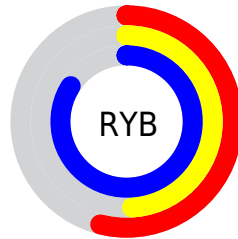
The RYB color **138, 126, 213** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **126, 213, 138**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **194, 179, 255**, and **84, 77, 158** is the 20% darker color. If you saturate the color by 10%, you get **120, 105, 213**, and if you desaturate by 10%, it is **156, 147, 213**.

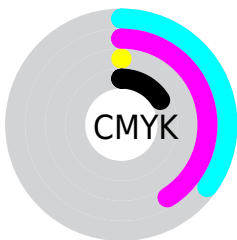
Distribution



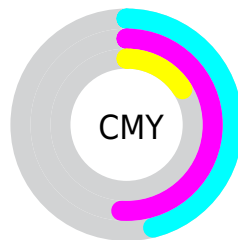
- Red (54%)
- Green (49%)
- Blue (84%)



- Red (54%)
- Yellow (49%)
- Blue (84%)



- Cyan (35%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (51%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the RYB color 138, 126, 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 138, 126, 213 by changing the saturation by 10% instead.

 138, 126, 213


255, 255, 255

 194, 179, 255

 223, 206, 255

 252, 235, 255

 138, 126, 213

 111, 101, 185

 84, 77, 158

 57, 54, 131

 28, 33, 106

 0, 11, 81

 0, 0, 57


 0, 2, 35


 0, 0, 10


 0, 0, 0

 138, 126, 213

 138, 126, 213

 120, 105, 213

 156, 147, 213

 101, 83, 213

 175, 169, 213

 83, 62, 213

 193, 190, 213

 65, 41, 213

 211, 211, 213

 46, 19, 213

 213, 233, 216

 29, 0, 213

 213, 254, 219

 213, 255, 213

Harmonies

Analogous

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



34, 103, 224



138, 126, 213



190, 108, 182

Triad

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



138, 126, 213



195, 162, 62



0, 86, 159

Complementary

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



138, 126, 213



126, 213, 138

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.



58, 130, 155



138, 126, 213



80, 162, 45

Square

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



138, 126, 213



215, 104, 97



57, 147, 86



0, 84, 179

Rectangle

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



138, 126, 213



209, 100, 154



57, 147, 86



0, 90, 158

Sweetspot

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



138, 126, 213



229, 224, 255



126, 166, 213



112, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 126, 213



147, 130, 255



181, 126, 213



98, 96, 107



24, 0, 171



6, 0, 43

Inverse Universe

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



213, 126, 201



255, 130, 238



126, 213, 181



107, 96, 106



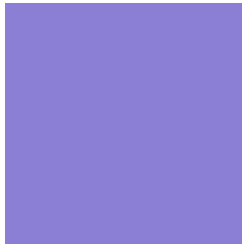
171, 0, 147



43, 0, 37

Previews

White Background



This preview shows how the RYB color 138, 126, 213 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 138, 126, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

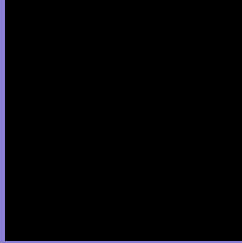
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 138, 126, 213 Background



This preview shows how black text looks on a background with the RYB color 138, 126, 213.

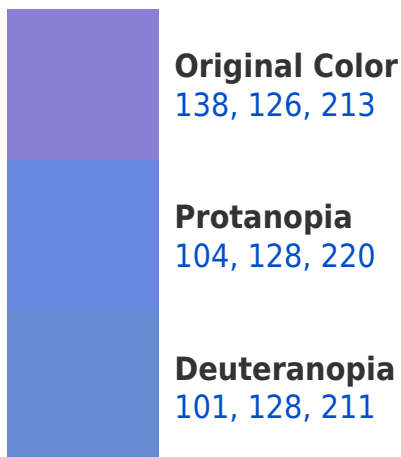


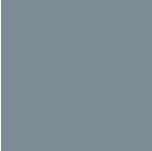
This preview shows how white text looks on a background with the RYB color 138, 126, 213.

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





Tritanopia
124, 134, 151

Trichromacy



Original Color
138, 126, 213

Protanomaly
116, 129, 217

Deuteranomaly
114, 130, 212

Tritanomaly
129, 134, 174

Monochromacy



Original Color
138, 126, 213

Achromatopsia
140, 140, 140

Achromatomaly
139, 135, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 126, 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(138, 126, 213)` looks like.

```
.text, #text, p{  
    color:rgb(138, 126, 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(138, 126, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 126, 213) }
```

Border

The CSS property to change the border of an element to RYB 138, 126, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

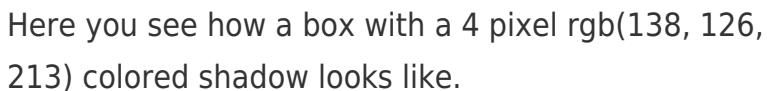
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 126, 213) }
```

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

```
.border{ border-color:rgb(138, 126, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 126, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 126, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 126, 213); box-shadow:4px 4px 4px 4px rgb(138, 126, 213) }
```

Background

The CSS property to change the background color of an element to RYB 138, 126, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 126, 213) }
```

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

```
.background{ background-color: rgb(138,  
126, 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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