

Converting Colors

`RYB(142, 127, 255)`

Have a look what the booklet for
RYB(142, 127, 255) contains.

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Color

R_YB(142, 127, 255)

Conversions

Conversions Part 1

Format	Color
Hex	8E7FFF
RGB	142, 127, 255
RGB Percent	56%, 50%, 100%
CMY	0.4431, 0.5020, 0.0000
CMYK	0.44, 0.50, 0.00, 0.00
HSL	247°, 100%, 75%
HSV	247°, 50%, 100%
XYZ	36.7947, 28.1495, 98.1019
YIQ	146.0770, -32.1480, 42.9880

Conversions

Conversions Part 2

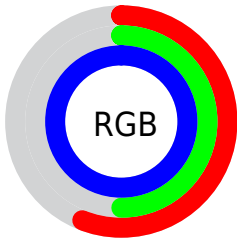
Format	Color
R_{YB}	142, 127, 255
Decimal	9338879
CIE Lab	60.02, 36.72, -62.09
CIE LCh	60, 72.137, 300.598
Yxy	28.1495, 0.2257, 0.1726
Android (android.graphics.Color)	4287528959 (0xFF8E7FFF)
YUV	146.0770, 53.6990, -3.5755
Hunter-Lab	53.0561, 30.9425, -72.4891

Details

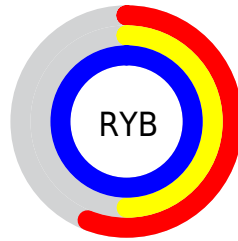
The RYB color **142, 127, 255** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **127, 255, 142**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **201, 180, 255**, and **83, 78, 197** is the 20% darker color. If you saturate the color by 10%, you get **119, 102, 255**, and if you desaturate by 10%, it is **165, 153, 255**.

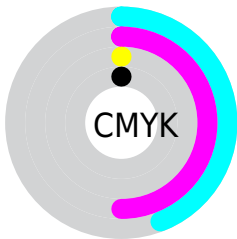
Distribution



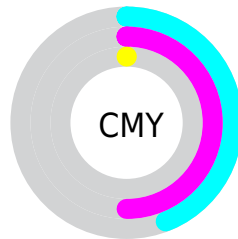
- Red (56%)
- Green (50%)
- Blue (100%)



- Red (56%)
- Yellow (50%)
- Blue (100%)



- Cyan (44%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (50%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the RYB color 142, 127, 255 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 142, 127, 255 by changing the saturation by 10% instead.


 142, 127, 255


255, 255, 255

 201, 180, 255

 230, 208, 255

 255, 236, 255


 142, 127, 255

 113, 102, 226

 83, 78, 197

 50, 54, 170

 0, 27, 142


 0, 11, 116


 0, 0, 91


 0, 6, 66

 0, 3, 43

 0, 1, 21


 142, 127, 255

 142, 127, 255

 119, 102, 255

 165, 153, 255

 97, 76, 255


 187, 178, 255

 74, 51, 255

 210, 204, 255

 52, 25, 255

 232, 229, 255

 30, 0, 255

255, 255, 255

Harmonies

Analogous

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



0, 95, 255



142, 127, 255



221, 95, 208

Triad

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



142, 127, 255



221, 202, 23



0, 94, 173

Complementary

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



142, 127, 255



127, 255, 142

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.



0, 116, 169



142, 127, 255



36, 172, 0

Square

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



142, 127, 255



252, 88, 84



1, 159, 51



0, 94, 208

Rectangle

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



142, 127, 255



247, 78, 167



1, 159, 51



0, 101, 172

Sweetspot

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



142, 127, 255



221, 217, 255



127, 187, 255



107, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



142, 127, 255



120, 102, 255



206, 127, 255



116, 115, 128



22, 0, 191



7, 0, 64

Inverse Universe

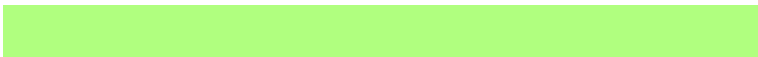
The Inverse Universe completely reimagines the original color for something new.



255, 127, 240



255, 102, 237



127, 255, 206



128, 115, 126



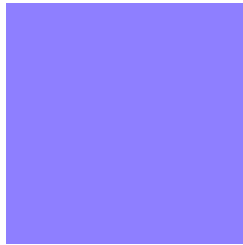
191, 0, 169



64, 0, 56

Previews

White Background



This preview shows how the RYB color 142, 127, 255 looks on a white background.

Color Contrast Check

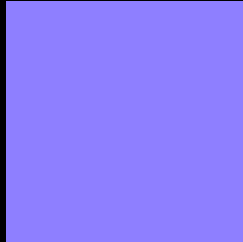
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 127, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

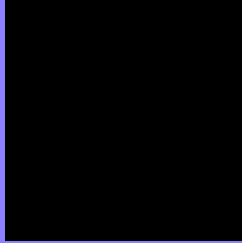
Any Text WCAG AA ✓ Pass

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 142, 127, 255 Background



This preview shows how black text looks on a background with the RYB color 142, 127, 255.



This preview shows how white text looks on a background with the RYB color 142, 127, 255.

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
142, 127, 255

Protanopia
91, 129, 255

Deuteranopia
59, 119, 251



Tritanopia
118, 137, 162

Trichromacy



Original Color
142, 127, 255

Protanomaly
110, 132, 255

Deuteranomaly
89, 127, 252

Tritanomaly
127, 139, 196

Monochromacy



Original Color
142, 127, 255

Achromatopsia
146, 146, 146

Achromatomaly
145, 139, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 127, 255 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(142, 127, 255) looks like.

```
.text, #text, p{  
    color:rgb(142, 127, 255)  
}
```

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(142, 127, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 127, 255) }
```

Border

The CSS property to change the border of an element to RYB 142, 127, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

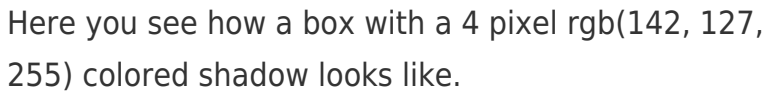
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 127, 255) }
```

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

```
.border{ border-color:rgb(142, 127, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(142, 127, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 127, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 127, 255); box-shadow:4px 4px 4px 4px rgb(142, 127, 255) }
```

Background

The CSS property to change the background color of an element to RYB 142, 127, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 127, 255) }
```

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

```
.background{ background-color: rgb(142,  
127, 255) }
```

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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