

Converting Colors

`RYB(121, 121, 254)`

Have a look what the booklet for
RYB(121, 121, 254) contains.

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Color

`RYB(121, 121, 254)`

Conversions

Conversions Part 1

Format	Color
Hex	7979FE
RGB	121, 121, 254
RGB Percent	47%, 47%, 100%
CMY	0.5255, 0.5255, 0.0039
CMYK	0.52, 0.52, 0.00, 0.00
HSL	240°, 99%, 74%
HSV	240°, 52%, 100%
XYZ	32.6119, 24.8954, 96.8524
YIQ	136.1620, -42.6930, 41.3630

Conversions

Conversions Part 2

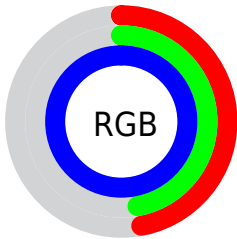
Format	Color
RYB	121, 121, 254
Decimal	7961086
CIELab	56.97, 35.50, -66.53
CIELCh	57, 75.407, 298.083
Yxy	24.8954, 0.2113, 0.1613
Android (android.graphics.Color)	4286151166 (0xFF7979FE)
YUV	136.1620, 58.0941, -13.2971
Hunter-Lab	49.8953, 29.3519, -80.1617

Details

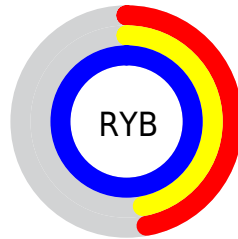
The RYB color **121, 121, 254** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **121, 254, 121**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **181, 173, 255**, and **56, 70, 196** is the 20% darker color. If you saturate the color by 10%, you get **96, 96, 254**, and if you desaturate by 10%, it is **146, 146, 254**.

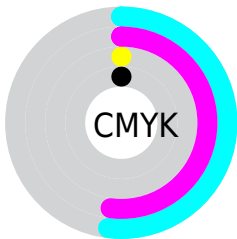
Distribution



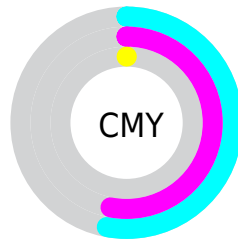
- Red (47%)
- Green (47%)
- Blue (100%)



- Red (47%)
- Yellow (47%)
- Blue (100%)



- Cyan (52%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (53%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 121, 254 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 121, 121, 254 by changing the saturation by 10% instead.

 121, 121, 254

 121, 121, 254

255, 255, 255

 90, 96, 225

 181, 173, 255


 56, 70, 196

 211, 201, 255

 0, 39, 169

 241, 229, 255

 0, 24, 141


 0, 10, 115


 0, 0, 90

 0, 6, 65


 0, 3, 42

 0, 1, 20


 121, 121, 254

 121, 121, 254

 96, 96, 254


 146, 146, 254

 70, 70, 254


 172, 172, 254

 45, 45, 254

 197, 197, 254

 19, 19, 254

 223, 223, 254

 0, 0, 254

 248, 248, 254

254, 255, 254

Harmonies

Analogous

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



0, 93, 255



121, 121, 254



210, 86, 207

Triad

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



121, 121, 254



218, 190, 7



0, 92, 165

Complementary

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



121, 121, 254



121, 254, 121

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, 117, 161



121, 121, 254



44, 168, 0

Square

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



121, 121, 254



247, 71, 79



0, 151, 47



0, 90, 197

Rectangle

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



121, 121, 254



240, 64, 166



0, 151, 47



0, 99, 164

Sweetspot

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



121, 121, 254



214, 214, 255



121, 188, 254



103, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 121, 254



94, 94, 255



188, 121, 254



115, 115, 128



0, 0, 191



0, 0, 64

Inverse Universe

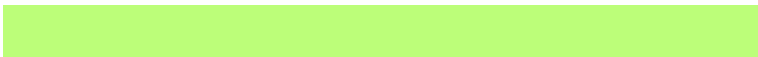
The Inverse Universe completely reimagines the original color for something new.



254, 121, 254



255, 94, 255



121, 254, 187



128, 115, 128



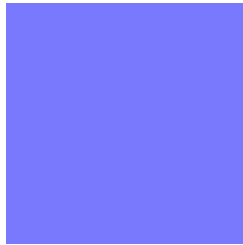
191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RYB color 121, 121, 254 looks on a white background.

Color Contrast Check

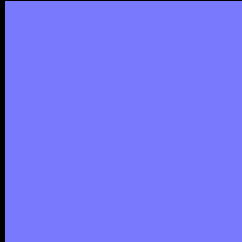
Large Text (above 18pt) WCAG AA ✓ Pass

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 121, 121, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

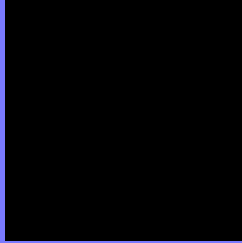
Any Text WCAG AA ✓ Pass

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 121, 121, 254 Background



This preview shows how black text looks on a background with the RYB color 121, 121, 254.



This preview shows how white text looks on a background with the RYB color 121, 121, 254.

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

89, 120, 157

Trichromacy



Original Color
121, 121, 254

Protanomaly
89, 121, 255

Deuteranomaly
44, 105, 248

Tritanomaly
101, 126, 192

Monochromacy



Original Color
121, 121, 254

Achromatopsia
136, 136, 136

Achromatomaly
131, 131, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 121, 254 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(121, 121, 254)` looks like.

```
.text, #text, p{  
    color:rgb(121, 121, 254)  
}
```

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(121, 121, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 121, 254) }
```

Border

The CSS property to change the border of an element to RYB 121, 121, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

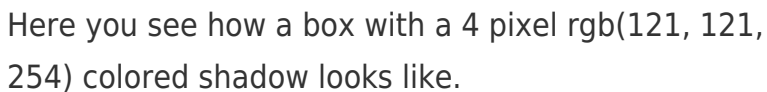
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 121, 254) }
```

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

```
.border{ border-color:rgb(121, 121, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(121, 121, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 121, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 121, 254); box-shadow:4px 4px 4px 4px rgb(121, 121, 254) }
```

Background

The CSS property to change the background color of an element to RYB 121, 121, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 121, 254) }
```

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

```
.background{ background-color: rgb(121,  
121, 254) }
```

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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