

Converting Colors

`RYB(124, 143, 231)`

Have a look what the booklet for
RYB(124, 143, 231) contains.

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Color

R_YB(124, 143, 231)

Conversions

Conversions Part 1

Format	Color
Hex	7C93E7
RGB	124, 147, 231
RGB Percent	49%, 58%, 91%
CMY	0.5137, 0.4231, 0.0941
CMYK	0.46, 0.36, 0.00, 0.09
HSL	227°, 69%, 70%
HSV	227°, 46%, 91%
XYZ	33.1856, 30.9539, 79.8269
YIQ	149.6990, -40.6720, 21.2480

Conversions

Conversions Part 2

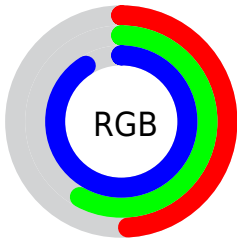
Format	Color
RYB	124, 143, 231
Decimal	8164327
CIELab	62.47, 13.85, -45.05
CIELCh	62, 47.131, 287.092
Yxy	30.9539, 0.2305, 0.2150
Android (android.graphics.Color)	4286354407 (0xFF7C93E7)
YUV	149.6990, 40.0814, -22.5380
Hunter-Lab	55.6362, 9.1075, -46.1241

Details

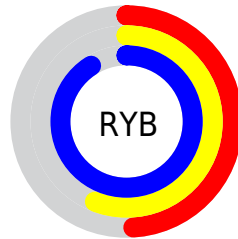
The RYB color **124, 143, 231** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **153, 231, 124**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **181, 197, 255**, and **67, 90, 175** is the 20% darker color. If you saturate the color by 10%, you get **101, 124, 231**, and if you desaturate by 10%, it is **147, 162, 231**.

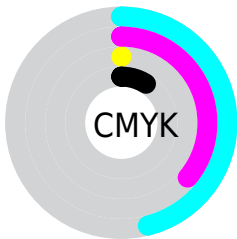
Distribution



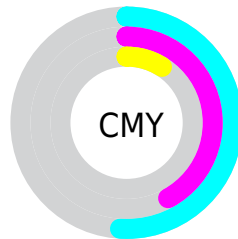
- Red (49%)
- Green (58%)
- Blue (91%)



- Red (49%)
- Yellow (56%)
- Blue (91%)



- Cyan (46%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)




- Cyan (51%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 124, 143, 231 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 124, 143, 231 by changing the saturation by 10% instead.

 124, 143, 231

 124, 143, 231

255, 255, 255

 96, 117, 203

 181, 197, 255

 67, 90, 175

 210, 223, 255

 34, 63, 148

 239, 247, 255

 0, 36, 122

 0, 23, 96

 0, 6, 72

 0, 4, 49

 0, 1, 27

 0, 0, 0

■ 124, 143, 231

■ 124, 143, 231

■ 101, 124, 231

■ 147, 162, 231

■ 78, 105, 231

■ 170, 181, 231

■ 55, 86, 231

■ 193, 200, 231

■ 32, 67, 231

■ 216, 219, 231

■ 9, 48, 231

■ 234, 240, 231

■ 0, 41, 231

■ 231, 255, 231

Harmonies

Analogous

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



0, 95, 232



124, 143, 231



184, 131, 208

Triad

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



124, 143, 231



219, 141, 91



21, 108, 171

Complementary

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



124, 143, 231



153, 231, 124

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.



92, 166, 153



124, 143, 231



149, 191, 68

Square

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



124, 143, 231



230, 116, 129



68, 156, 72



0, 86, 174

Rectangle

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



124, 143, 231



210, 121, 184



68, 156, 72



61, 133, 170

Sweetspot

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



124, 143, 231



219, 226, 255



124, 184, 231



106, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 143, 231



112, 137, 255



154, 124, 231



103, 105, 115



0, 32, 179



0, 9, 51

Inverse Universe

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



231, 124, 147



255, 112, 143



124, 231, 154



115, 103, 106



179, 0, 39



51, 0, 11

Previews

White Background



This preview shows how the RYB color 124, 143, 231 looks on a white background.

Color Contrast Check

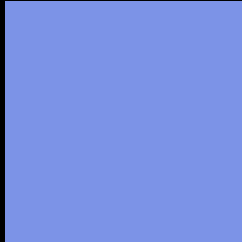
Large Text (above 18pt) WCAG AA × Fail

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 124, 143, 231 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 124, 143, 231 Background



This preview shows how black text looks on a background with the RYB color 124, 143, 231.



This preview shows how white text looks on a background with the RYB color 124, 143, 231.

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

124, 143, 231

Protanopia

121, 143, 232

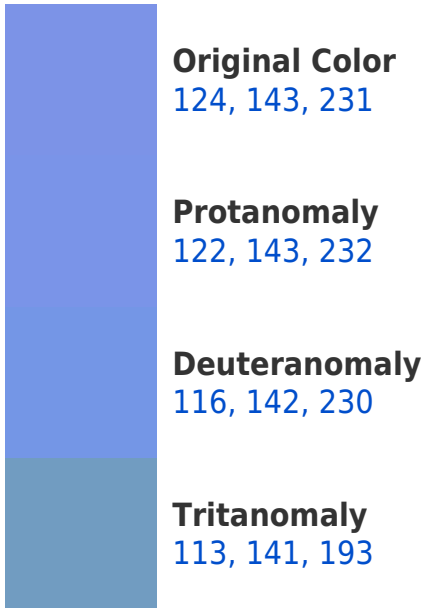
Deuteranopia

111, 140, 230

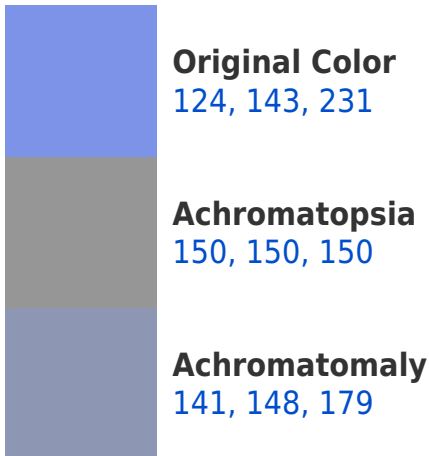


Tritanopia
107, 136, 172

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 143, 231 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(124, 147, 231)` looks like.

```
.text, #text, p{  
    color:rgb(124, 147, 231)  
}
```

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(124, 147, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 147, 231) }
```

Border

The CSS property to change the border of an element to RYB 124, 143, 231 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(124, 147, 231) }
```

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

```
.border{ border-color:rgb(124, 147, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 147, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 147, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 147, 231);  
box-shadow:4px 4px 4px 4px rgb(124, 147,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 124, 143, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 147, 231) }
```

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

```
.background{ background-color: rgb(124,  
147, 231) }
```

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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