

Converting Colors

`RYB(152, 162, 255)`

Have a look what the booklet for
RYB(152, 162, 255) contains.

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Color

R_YB(152, 162, 255)

Conversions

Conversions Part 1

Format	Color
Hex	98A3FF
RGB	152, 163, 255
RGB Percent	60%, 64%, 100%
CMY	0.4039, 0.3605, 0.0000
CMYK	0.40, 0.36, 0.00, 0.00
HSL	234°, 100%, 80%
HSV	234°, 40%, 100%
XYZ	44.1095, 40.1165, 100.0262
YIQ	170.1990, -36.0880, 26.2800

Conversions

Conversions Part 2

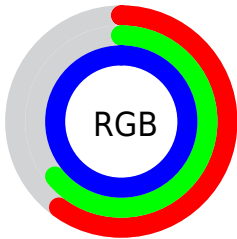
Format	Color
R _Y B	152, 162, 255
Decimal	10003455
CIE Lab	69.55, 18.35, -46.92
CIE LCh	70, 50.379, 291.360
Yxy	40.1165, 0.2394, 0.2177
Android (android.graphics.Color)	4288193535 (0xFF98A3FF)
YUV	170.1990, 41.8069, -15.9605
Hunter-Lab	63.3376, 13.4698, -49.2977

Details

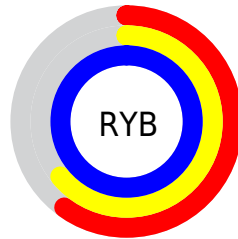
The RYB color **152, 162, 255** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **164, 255, 152**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **209, 217, 255**, and **96, 110, 198** is the 20% darker color. If you saturate the color by 10%, you get **127, 139, 255**, and if you desaturate by 10%, it is **178, 185, 255**.

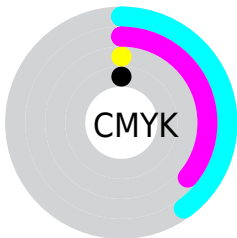
Distribution



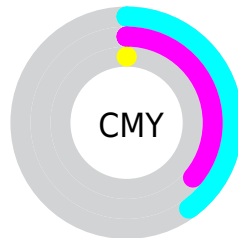
- Red (60%)
- Green (64%)
- Blue (100%)



- Red (60%)
- Yellow (64%)
- Blue (100%)



- Cyan (40%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)




- Cyan (40%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 162, 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 152, 162, 255 by changing the saturation by 10% instead.


 152, 162, 255


255, 255, 255

 209, 217, 255

 239, 244, 255

 152, 162, 255


 124, 136, 226

 96, 110, 198

 67, 84, 170

 35, 58, 143

 0, 31, 117

 0, 18, 92

 0, 0, 68

 0, 3, 45

 0, 1, 23

■ 152, 162, 255

■ 152, 162, 255

■ 127, 139, 255

■ 178, 185, 255

■ 101, 116, 255

■ 203, 208, 255

■ 76, 93, 255

■ 229, 231, 255

■ 50, 70, 255

254, 254, 255

■ 24, 47, 255

255, 255, 255

■ 0, 24, 255

Harmonies

Analogous

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



42, 125, 255



152, 162, 255



214, 145, 227

Triad

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



152, 162, 255



241, 168, 100



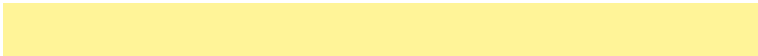
0, 106, 192

Complementary

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



152, 162, 255



164, 255, 152

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.



111, 187, 187



152, 162, 255



146, 208, 77

Square

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



152, 162, 255



255, 133, 139



81, 177, 93



0, 99, 202

Rectangle

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



152, 162, 255



239, 136, 200



81, 177, 93



60, 142, 191

Sweetspot

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



152, 162, 255



224, 228, 255



152, 207, 255



110, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 162, 255



133, 145, 255



191, 152, 255



115, 116, 128



0, 19, 191



0, 6, 64

Inverse Universe

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



255, 152, 163



255, 133, 146



152, 255, 191



128, 115, 116



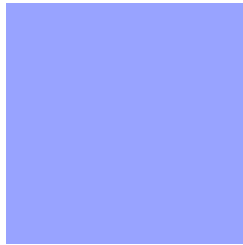
191, 0, 21



64, 0, 7

Previews

White Background



This preview shows how the RYB color 152, 162, 255 looks on a white background.

Color Contrast Check

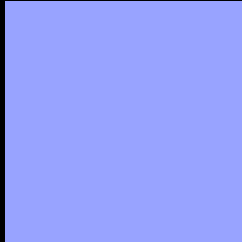
Large Text (above 18pt) WCAG AA × Fail

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 152, 162, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

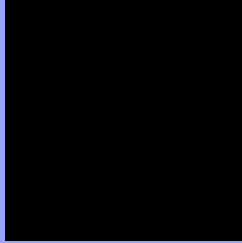
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 152, 162, 255 Background



This preview shows how black text looks on a background with the RYB color 152, 162, 255.



This preview shows how white text looks on a background with the RYB color 152, 162, 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

152, 162, 255

Protanopia

139, 162, 255

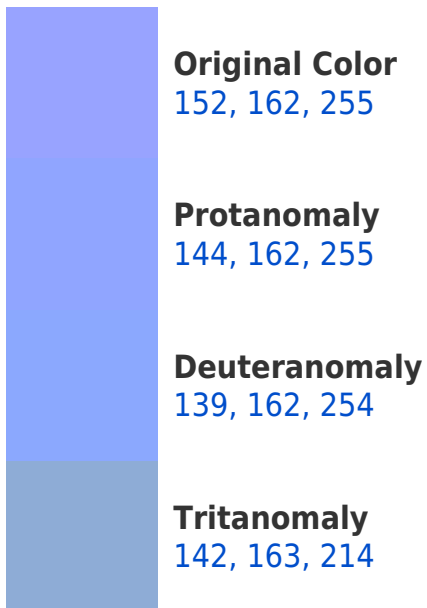
Deuteranopia

131, 160, 254

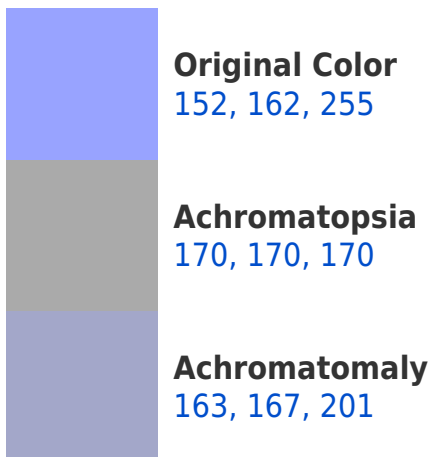


Tritanopia
136, 159, 190

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 162, 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(152, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 163, 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(152, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 163, 255) }
```

Border

The CSS property to change the border of an element to RYB 152, 162, 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(152, 163, 255) }
```

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

```
.border{ border-color:rgb(152, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 163,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 152, 162, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 163, 255) }
```

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

```
.background{ background-color: rgb(152,  
163, 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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