

Converting Colors

`RYB(132, 156, 255)`

Have a look what the booklet for
RYB(132, 156, 255) contains.

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Color

R_YB(132, 156, 255)

Conversions

Conversions Part 1

Format	Color
Hex	84A2FF
RGB	132, 162, 255
RGB Percent	52%, 64%, 100%
CMY	0.4824, 0.3654, 0.0000
CMYK	0.48, 0.37, 0.00, 0.00
HSL	225°, 100%, 76%
HSV	225°, 48%, 100%
XYZ	40.4540, 37.9022, 99.7914
YIQ	163.6320, -47.7330, 22.5630

Conversions

Conversions Part 2

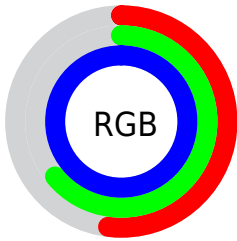
Format	Color
RYB	132, 156, 255
Decimal	8692479
CIELab	67.95, 14.26, -49.53
CIELCh	68, 51.544, 286.061
Yxy	37.9022, 0.2271, 0.2128
Android (android.graphics.Color)	4286882559 (0xFF84A2FF)
YUV	163.6320, 45.0444, -27.7413
Hunter-Lab	61.5647, 9.5536, -53.0089

Details

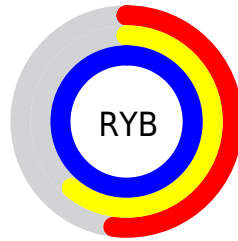
The RYB color **132, 156, 255** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **172, 255, 132**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **190, 209, 255**, and **73, 102, 198** is the 20% darker color. If you saturate the color by 10%, you get **107, 135, 255**, and if you desaturate by 10%, it is **158, 177, 255**.

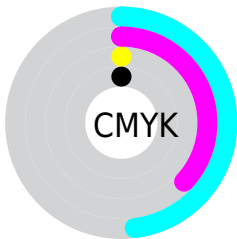
Distribution



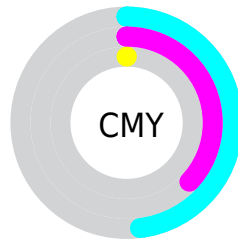
- Red (52%)
- Green (64%)
- Blue (100%)



- Red (52%)
- Yellow (61%)
- Blue (100%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)




- Cyan (48%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 156, 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 132, 156, 255 by changing the saturation by 10% instead.

 132, 156, 255

255, 255, 255

 190, 209, 255

 220, 235, 255

 250, 253, 255

 132, 156, 255


 103, 129, 226

 73, 102, 198

 38, 74, 170

 0, 44, 143

 0, 31, 117

 0, 18, 92

 0, 3, 68

 0, 3, 45

 0, 1, 23

■ 132, 156, 255

■ 132, 156, 255

■ 107, 135, 255

■ 158, 177, 255

■ 81, 115, 255

■ 183, 197, 255

■ 56, 95, 255

■ 209, 218, 255

■ 30, 74, 255

■ 234, 238, 255

■ 5, 53, 255

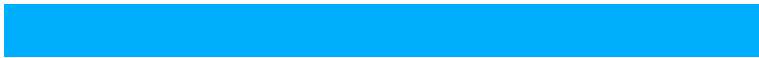
255, 255, 255

■ 0, 50, 255

Harmonies

Analogous

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



0, 104, 255



132, 156, 255



201, 143, 231

Triad

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



132, 156, 255



241, 152, 100



20, 117, 188

Complementary

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



132, 156, 255



172, 255, 132

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.



98, 182, 164



132, 156, 255



167, 211, 73

Square

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



132, 156, 255



253, 127, 142



72, 171, 75



0, 95, 190

Rectangle

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



132, 156, 255



230, 133, 204



72, 171, 75



67, 147, 186

Sweetspot

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



132, 156, 255



219, 226, 255



132, 202, 255



106, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



132, 156, 255



107, 136, 255



163, 132, 255



115, 117, 128



0, 37, 191



0, 12, 64

Inverse Universe

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



255, 132, 162



255, 107, 143



132, 255, 163



128, 115, 118



191, 0, 46



64, 0, 15

Previews

White Background



This preview shows how the RYB color 132, 156, 255 looks on a white background.

Color Contrast Check

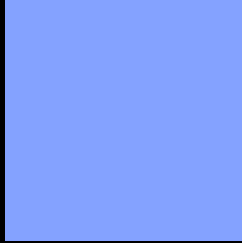
Large Text (above 18pt) WCAG AA × Fail

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 132, 156, 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 132, 156, 255 Background



This preview shows how black text looks on a background with the RYB color 132, 156, 255.



This preview shows how white text looks on a background with the RYB color 132, 156, 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

132, 156, 255

Protanopia

131, 156, 255

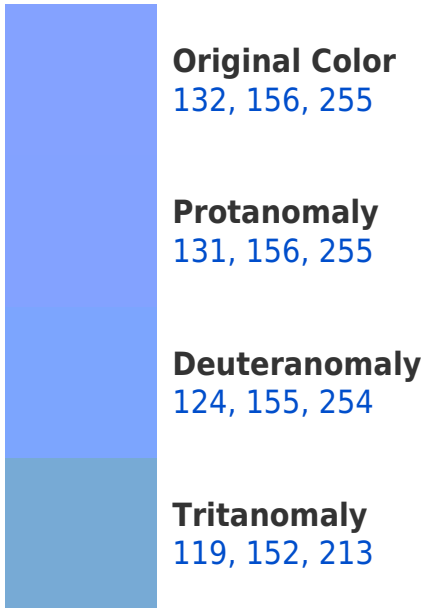
Deuteranopia

120, 154, 254

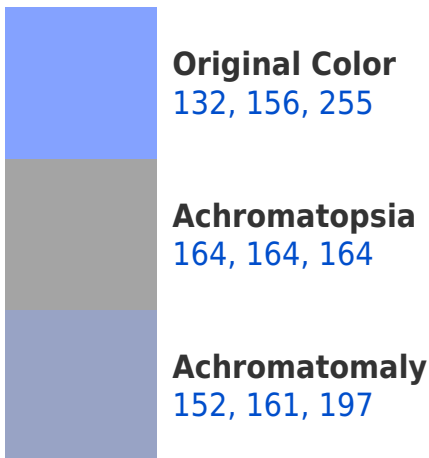


Tritanopia
112, 147, 189

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 156, 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(132, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 162, 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(132, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 162, 255) }
```

Border

The CSS property to change the border of an element to RYB 132, 156, 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(132, 162, 255) }
```

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

```
.border{ border-color:rgb(132, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 162,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 132, 156, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 162, 255) }
```

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

```
.background{ background-color: rgb(132,  
162, 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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