

Converting Colors

`RYB(150, 90, 251)`

Have a look what the booklet for RYB(150, 90, 251) contains.

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Color

R_YB(150, 90, 251)

Conversions

Conversions Part 1

Format	Color
Hex	965AFB
RGB	150, 90, 251
RGB Percent	59%, 35%, 98%
CMY	0.4118, 0.6471, 0.0157
CMYK	0.40, 0.64, 0.00, 0.02
HSL	262°, 95%, 67%
HSV	262°, 64%, 98%
XYZ	33.6464, 20.7614, 93.5008
YIQ	126.2940, -15.9210, 62.7910

Conversions

Conversions Part 2

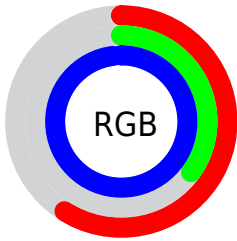
Format	Color
R _Y B	150, 90, 251
Decimal	9853691
CIE Lab	52.69, 57.64, -71.67
CIE LCh	53, 91.972, 308.804
Yxy	20.7614, 0.2275, 0.1404
Android (android.graphics.Color)	4288043771 (0xFF965AFB)
YUV	126.2940, 61.4801, 20.7902
Hunter-Lab	45.5647, 52.0720, -89.7705

Details

The RYB color **150, 90, 251** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **90, 251, 150**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **210, 143, 255**, and **90, 38, 193** is the 20% darker color. If you saturate the color by 10%, you get **134, 65, 251**, and if you desaturate by 10%, it is **166, 115, 251**.

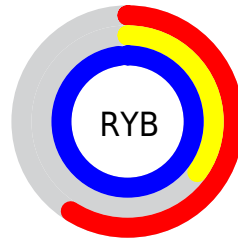
Distribution



Red (59%)

Green (35%)

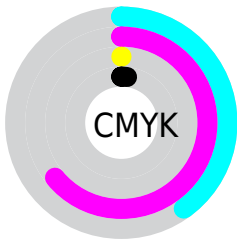
Blue (98%)



Red (59%)

Yellow (35%)

Blue (98%)

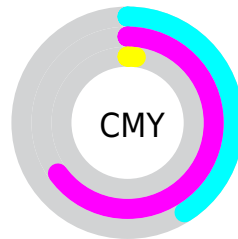


Cyan (40%)

Magenta (64%)

Yellow (0%)

Black (2%)



Cyan (41%)

Magenta (65%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 150, 90, 251 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 150, 90, 251 by changing the saturation by 10% instead.

 150, 90, 251

255, 255, 255

 210, 143, 255


 240, 171, 255

 255, 199, 255

 255, 227, 255


 150, 90, 251

 120, 64, 222

 90, 38, 193

 57, 4, 165

 10, 0, 138

 0, 0, 112

 0, 0, 86

 0, 5, 62

 0, 3, 39

 0, 1, 17

■ 150, 90, 251

■ 150, 90, 251

■ 134, 65, 251

■ 166, 115, 251

■ 119, 40, 251

■ 181, 140, 251

■ 103, 15, 251

■ 197, 165, 251

■ 94, 0, 251

■ 213, 190, 251

■ 229, 216, 251

■ 244, 241, 251

■ 251, 255, 251

Harmonies

Analogous

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



0, 86, 255



150, 90, 251



233, 0, 185

Triad

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



150, 90, 251



191, 197, 0



0, 81, 157

Complementary

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



150, 90, 251



90, 251, 150

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, 109, 154



150, 90, 251



3, 133, 0

Square

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



150, 90, 251



242, 44, 27



0, 147, 125



0, 92, 224

Rectangle

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



150, 90, 251



255, 0, 133



0, 147, 125



0, 89, 157

Sweetspot

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



150, 90, 251



225, 207, 255



90, 152, 251



109, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 90, 251



132, 59, 255



230, 90, 251



117, 112, 125



70, 0, 189



23, 0, 61

Inverse Universe

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



251, 90, 191



255, 59, 182



90, 251, 230



125, 112, 120



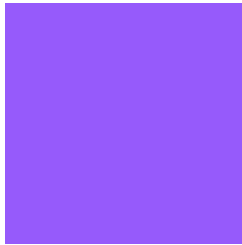
189, 0, 118



61, 0, 38

Previews

White Background



This preview shows how the RYB color 150, 90, 251 looks on a white background.

Color Contrast Check

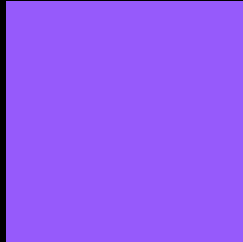
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 90, 251 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 150, 90, 251 Background



This preview shows how black text looks on a background with the RYB color 150, 90, 251.

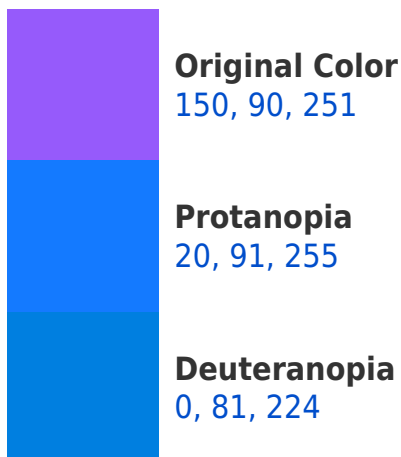


This preview shows how white text looks on a background with the RYB color 150, 90, 251.

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
124, 125, 135

Trichromacy



Original Color
150, 90, 251



Protanomaly
67, 102, 254



Deuteranomaly
55, 99, 234



Tritanomaly
133, 112, 177

Monochromacy



Original Color
150, 90, 251



Achromatopsia
126, 126, 126



Achromatomaly
135, 113, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 90, 251 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(150, 90, 251)` looks like.

```
.text, #text, p{  
    color:rgb(150, 90, 251)  
}
```

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(150, 90, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 90, 251) }
```

Border

The CSS property to change the border of an element to RYB 150, 90, 251 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(150, 90, 251) }
```

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

```
.border{ border-color:rgb(150, 90, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 90, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 90, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 90, 251);  
box-shadow:4px 4px 4px 4px rgb(150, 90,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 150, 90, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 90, 251) }
```

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

```
.background{ background-color: rgb(150, 90,  
251) }
```

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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