

Converting Colors

`RYB(145, 110, 248)`

Have a look what the booklet for
RYB(145, 110, 248) contains.

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Color

R_YB(145, 110, 248)

Conversions

Conversions Part 1

Format	Color
Hex	916EF8
RGB	145, 110, 248
RGB Percent	57%, 43%, 97%
CMY	0.4314, 0.5686, 0.0275
CMYK	0.42, 0.56, 0.00, 0.03
HSL	255°, 91%, 70%
HSV	255°, 56%, 97%
XYZ	34.1963, 23.9489, 91.6272
YIQ	136.1970, -23.4380, 50.3380

Conversions

Conversions Part 2

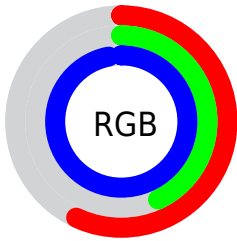
Format	Color
R_{YB}	145, 110, 248
Decimal	9531128
CIE _{Lab}	56.04, 45.12, -64.62
CIE _{LCh}	56, 78.811, 304.921
Yxy	23.9489, 0.2283, 0.1599
Android (android.graphics.Color)	4287721208 (0xFF916EF8)
YUV	136.1970, 55.1189, 7.7202
Hunter-Lab	48.9376, 39.0900, -76.7539

Details

The RYB color **145, 110, 248** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **110, 248, 145**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **204, 163, 255**, and **86, 61, 191** is the 20% darker color. If you saturate the color by 10%, you get **126, 85, 248**, and if you desaturate by 10%, it is **164, 135, 248**.

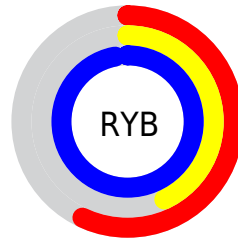
Distribution



Red (57%)

Green (43%)

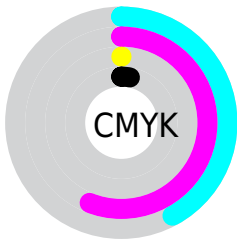
Blue (97%)



Red (57%)

Yellow (43%)

Blue (97%)

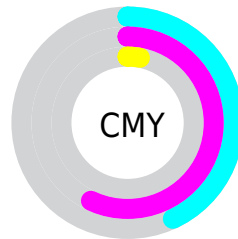


Cyan (42%)

Magenta (56%)

Yellow (0%)

Black (3%)



Cyan (43%)

Magenta (57%)

Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the RYB color 145, 110, 248 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 145, 110, 248 by changing the saturation by 10% instead.

 145, 110, 248

255, 255, 255

 204, 163, 255

 234, 190, 255

 255, 218, 255


 255, 247, 255


 145, 110, 248

 116, 85, 219

 86, 61, 191

 55, 37, 163

 8, 13, 136

 0, 0, 110

 0, 0, 85

 0, 5, 60

 0, 2, 38

 0, 1, 14

■ 145, 110, 248

■ 145, 110, 248

■ 126, 85, 248

■ 164, 135, 248

■ 108, 60, 248

■ 182, 160, 248

■ 89, 36, 248

■ 201, 184, 248

■ 71, 11, 248

■ 219, 209, 248

■ 63, 0, 248

■ 238, 234, 248

■ 248, 255, 248

Harmonies

Analogous

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



0, 90, 255



145, 110, 248



223, 70, 194

Triad

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



145, 110, 248



190, 207, 0



0, 87, 164

Complementary

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



145, 110, 248



110, 248, 145

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, 110, 160



145, 110, 248



19, 152, 0

Square

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



145, 110, 248



243, 72, 60



0, 152, 73



0, 92, 212

Rectangle

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



145, 110, 248



247, 47, 149



0, 152, 73



0, 94, 163

Sweetspot

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



145, 110, 248



223, 212, 255



110, 169, 248



108, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 110, 248



127, 84, 255



213, 110, 248



116, 112, 125



48, 0, 189



16, 0, 61

Inverse Universe

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



248, 110, 213



255, 84, 212



110, 248, 213



125, 112, 122



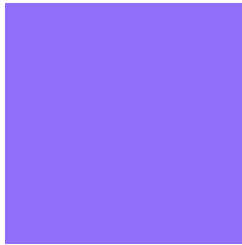
189, 0, 141



61, 0, 46

Previews

White Background



This preview shows how the RYB color 145, 110, 248 looks on a white background.

Color Contrast Check

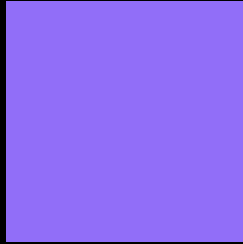
Large Text (above 18pt) WCAG AA ✓ Pass

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 145, 110, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

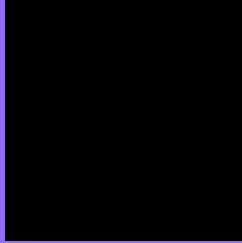
Any Text WCAG AA ✓ Pass

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 145, 110, 248 Background



This preview shows how black text looks on a background with the RYB color 145, 110, 248.

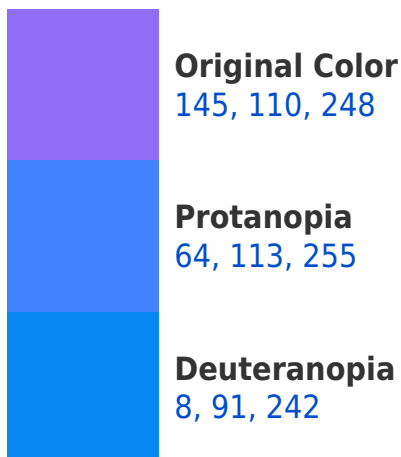


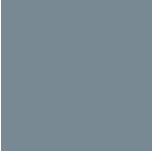
This preview shows how white text looks on a background with the RYB color 145, 110, 248.

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
121, 131, 147

Trichromacy



Original Color

145, 110, 248



Protanomaly

93, 118, 252



Deuteranomaly

58, 108, 244



Tritanomaly

130, 127, 184

Monochromacy



Original Color

145, 110, 248



Achromatopsia

136, 136, 136



Achromatomaly

139, 127, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 110, 248 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(145, 110, 248)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 248)  
}
```

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(145, 110, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 248) }
```

Border

The CSS property to change the border of an element to RYB 145, 110, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

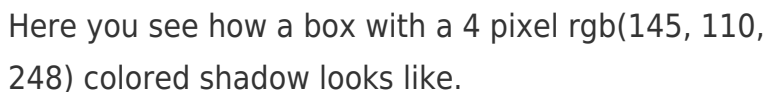
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 110, 248) }
```

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

```
.border{ border-color:rgb(145, 110, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 110, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 110, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 110, 248); box-shadow:4px 4px 4px 4px rgb(145, 110, 248) }
```

Background

The CSS property to change the background color of an element to RYB 145, 110, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 248) }
```

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

```
.background{ background-color: rgb(145,  
110, 248) }
```

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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