

Converting Colors

`RYB(144, 95, 203)`

Have a look what the booklet for
RYB(144, 95, 203) contains.

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Color

R_YB(144, 95, 203)

Conversions

Conversions Part 1

Format	Color
Hex	905FCB
RGB	144, 95, 203
RGB Percent	56%, 37%, 80%
CMY	0.4353, 0.6275, 0.2039
CMYK	0.29, 0.53, 0.00, 0.20
HSL	267°, 51%, 58%
HSV	267°, 53%, 80%
XYZ	26.3733, 18.4255, 58.6664
YIQ	121.9630, -5.4640, 43.9760

Conversions

Conversions Part 2

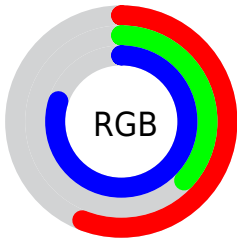
Format	Color
R_{YB}	144, 95, 203
Decimal	9461707
CIE _{Lab}	50.01, 41.60, -48.94
CIE _{LCh}	50, 64.231, 310.369
Yxy	18.4255, 0.2549, 0.1781
Android (android.graphics.Color)	4287651787 (0xFF905FCB)
YUV	121.9630, 39.9512, 19.3264
Hunter-Lab	42.9249, 34.5526, -50.9854

Details

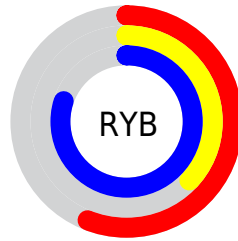
The RYB color **144, 95, 203** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **95, 203, 144**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **200, 147, 255**, and **90, 46, 148** is the 20% darker color. If you saturate the color by 10%, you get **133, 75, 203**, and if you desaturate by 10%, it is **155, 115, 203**.

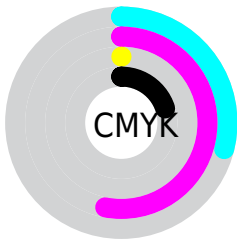
Distribution



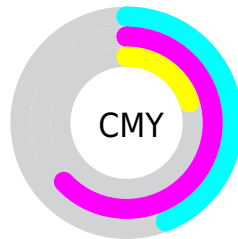
- Red (56%)
- Green (37%)
- Blue (80%)



- Red (56%)
- Yellow (37%)
- Blue (80%)



- Cyan (29%)
- Magenta (53%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (63%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 95, 203 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 144, 95, 203 by changing the saturation by 10% instead.

 144, 95, 203

 144, 95, 203

255, 255, 255

 117, 70, 175

 200, 147, 255

 90, 46, 148

 229, 174, 255

 63, 21, 122

 255, 202, 255

 34, 0, 96

 255, 230, 255

 10, 0, 72

 0, 4, 48

 0, 1, 27

 0, 0, 0

 144, 95, 203

 144, 95, 203

133, 75, 203

155, 115, 203

122, 54, 203

166, 136, 203

111, 34, 203

177, 156, 203

100, 14, 203

188, 176, 203

92, 0, 203

199, 197, 203

203, 217, 209

203, 237, 218

203, 255, 225

203, 255, 214

Harmonies

Analogous

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



0, 78, 227



144, 95, 203



197, 68, 157

Triad

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



144, 95, 203



115, 172, 0



0, 74, 144

Complementary

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



144, 95, 203



95, 203, 144

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, 90, 141



144, 95, 203



3, 126, 0

Square

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



144, 95, 203



204, 83, 50



21, 135, 92



0, 81, 189

Rectangle

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



144, 95, 203



213, 57, 121



21, 135, 92



0, 78, 143

Sweetspot

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



144, 95, 203



233, 214, 255



95, 133, 203



114, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



144, 95, 203



166, 92, 255



198, 95, 203



96, 92, 102



75, 0, 166



17, 0, 38

Inverse Universe

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



203, 95, 154



255, 92, 181



95, 203, 198



102, 92, 97



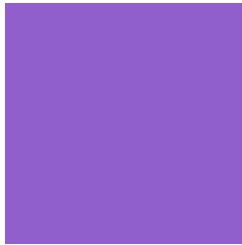
166, 0, 91



38, 0, 21

Previews

White Background



This preview shows how the RYB color 144, 95, 203 looks on a white background.

Color Contrast Check

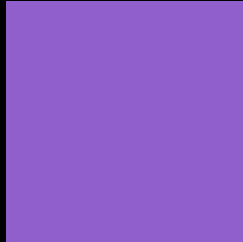
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 95, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

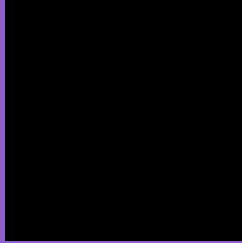
Any Text WCAG AA ✓ Pass

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 144, 95, 203 Background



This preview shows how black text looks on a background with the RYB color 144, 95, 203.

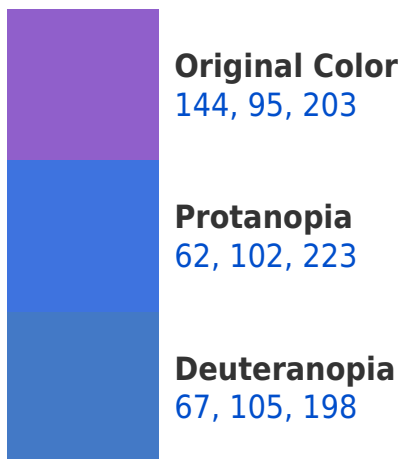



This preview shows how white text looks on a background with the RYB color 144, 95, 203.

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





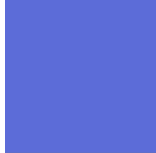
Tritanopia
129, 115, 124

Trichromacy



Original Color

144, 95, 203



Protanomaly

92, 106, 216



Deuteranomaly

95, 109, 200



Tritanomaly

134, 108, 153

Monochromacy



Original Color

144, 95, 203



Achromatopsia

122, 122, 122



Achromatomaly

130, 112, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 95, 203 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(144, 95, 203)` looks like.

```
.text, #text, p{  
    color:rgb(144, 95, 203)  
}
```

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(144, 95, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 95, 203) }
```

Border

The CSS property to change the border of an element to RYB 144, 95, 203 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(144, 95, 203) }
```

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

```
.border{ border-color:rgb(144, 95, 203) }
```

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

Here you see how a box with a 4 pixel rgb(144, 95, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 95, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 95, 203);  
box-shadow:4px 4px 4px 4px rgb(144, 95,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 144, 95, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 95, 203) }
```

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

```
.background{ background-color: rgb(144, 95,  
203) }
```

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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