

Converting Colors

`RYB(154, 92, 191)`

Have a look what the booklet for
RYB(154, 92, 191) contains.

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Color

R_YB(154, 92, 191)

Conversions

Conversions Part 1

Format	Color
Hex	9A5CBF
RGB	154, 92, 191
RGB Percent	60%, 36%, 75%
CMY	0.3961, 0.6392, 0.2510
CMYK	0.19, 0.52, 0.00, 0.25
HSL	278°, 44%, 55%
HSV	278°, 52%, 75%
XYZ	26.5575, 18.2859, 51.4200
YIQ	121.8240, 5.1730, 43.9330

Conversions

Conversions Part 2

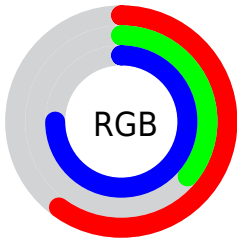
Format	Color
RYB	154, 92, 191
Decimal	10116287
CIELab	49.84, 43.08, -42.23
CIELCh	50, 60.326, 315.573
Yxy	18.2859, 0.2759, 0.1900
Android (android.graphics.Color)	4288306367 (0xFF9A5CBF)
YUV	121.8240, 34.1038, 28.2184
Hunter-Lab	42.7620, 36.0247, -41.3610

Details

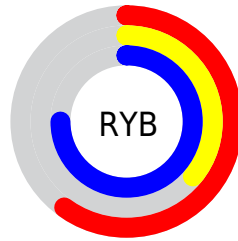
The RYB color **154, 92, 191** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **92, 191, 154**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **210, 144, 248**, and **100, 42, 137** is the 20% darker color. If you saturate the color by 10%, you get **147, 73, 191**, and if you desaturate by 10%, it is **161, 111, 191**.

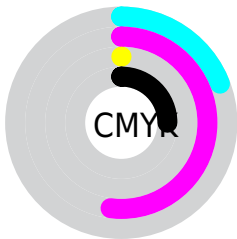
Distribution



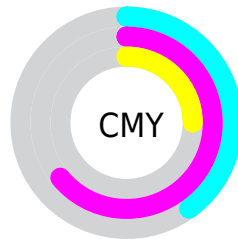
- Red (60%)
- Green (36%)
- Blue (75%)



- Red (60%)
- Yellow (36%)
- Blue (75%)



- Cyan (19%)
- Magenta (52%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 92, 191 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 154, 92, 191 by changing the saturation by 10% instead.

 154, 92, 191

255, 255, 255

 210, 144, 248

 239, 171, 255

 255, 199, 255

 255, 228, 255

 154, 92, 191

 127, 67, 164


 100, 42, 137

 74, 15, 111

 48, 0, 86

 27, 0, 63

 0, 3, 39

 0, 1, 17

 0, 0, 0

 154, 92, 191

 154, 92, 191

147, 73, 191

161, 111, 191

140, 54, 191

168, 130, 191

133, 35, 191

175, 149, 191

125, 16, 191

183, 168, 191

120, 0, 191

190, 187, 191

191, 207, 201

191, 226, 213

191, 245, 225

191, 255, 228

Harmonies

Analogous

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



57, 100, 218



154, 92, 191



198, 69, 145

Triad

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



154, 92, 191



85, 163, 0



0, 72, 145

Complementary

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



154, 92, 191



92, 191, 154

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, 85, 140



154, 92, 191



0, 124, 6

Square

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



154, 92, 191



196, 97, 46



39, 135, 119



0, 81, 191

Rectangle

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



154, 92, 191



209, 64, 111



39, 135, 119



0, 75, 142

Sweetspot

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



154, 92, 191



233, 208, 247



92, 119, 191



116, 101, 125



252, 252, 252



125, 125, 125

Same Dimension

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



154, 92, 191



190, 94, 247



191, 92, 179



91, 85, 94



99, 0, 158



19, 0, 31

Inverse Universe

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



191, 92, 129



247, 94, 151



92, 180, 191



94, 85, 88



158, 0, 59



31, 0, 11

Previews

White Background



This preview shows how the RYB color 154, 92, 191 looks on a white background.

Color Contrast Check

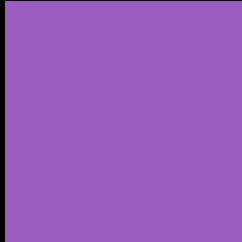
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 154, 92, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

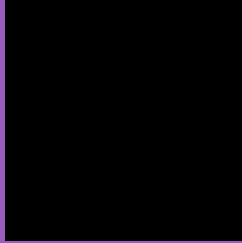
Any Text WCAG AA ✓ Pass

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](#).

RGB 154, 92, 191 Background



This preview shows how black text looks on a background with the RGB color 154, 92, 191.

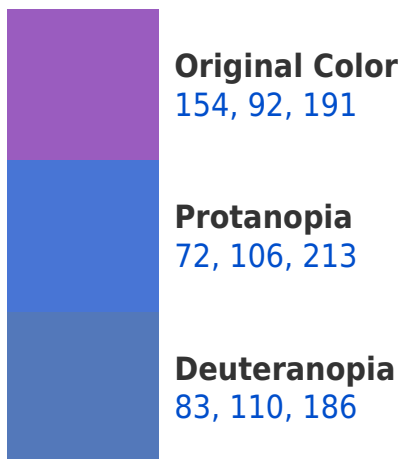


This preview shows how white text looks on a background with the RGB color 154, 92, 191.

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
142, 110, 118

Trichromacy



Original Color

154, 92, 191



Protanomaly

102, 107, 205



Deuteranomaly

109, 109, 188



Tritanomaly

146, 103, 145

Monochromacy



Original Color

154, 92, 191



Achromatopsia

122, 122, 122



Achromatomaly

134, 111, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 92, 191 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(154, 92, 191)` looks like.

```
.text, #text, p{  
    color:rgb(154, 92, 191)  
}
```

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(154, 92, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 92, 191) }
```

Border

The CSS property to change the border of an element to RYB 154, 92, 191 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(154, 92, 191) }
```

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

```
.border{ border-color:rgb(154, 92, 191) }
```

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

Here you see how a box with a 4 pixel rgb(154, 92, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 92, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 92, 191);  
box-shadow:4px 4px 4px 4px rgb(154, 92,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 154, 92, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 92, 191) }
```

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

```
.background{ background-color: rgb(154, 92,  
191) }
```

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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