

Converting Colors

`RYB(147, 92, 175)`

Have a look what the booklet for
RYB(147, 92, 175) contains.

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Color

R_YB(147, 92, 175)

Conversions

Conversions Part 1

Format	Color
Hex	935CAF
RGB	147, 92, 175
RGB Percent	58%, 36%, 69%
CMY	0.4235, 0.6392, 0.3137
CMYK	0.16, 0.47, 0.00, 0.31
HSL	280°, 34%, 52%
HSV	280°, 47%, 69%
XYZ	23.5976, 16.9525, 42.5859
YIQ	117.9070, 6.1370, 37.4730

Conversions

Conversions Part 2

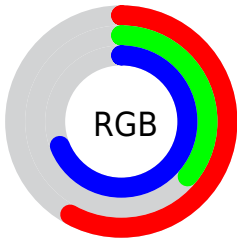
Format	Color
R_{YB}	147, 92, 175
Decimal	9657519
CIE _{Lab}	48.20, 37.53, -35.57
CIE _{LCh}	48, 51.709, 316.533
Yxy	16.9525, 0.2838, 0.2039
Android (android.graphics.Color)	4287847599 (0xFF935CAF)
YUV	117.9070, 28.1468, 25.5146
Hunter-Lab	41.1734, 30.2499, -32.5026

Details

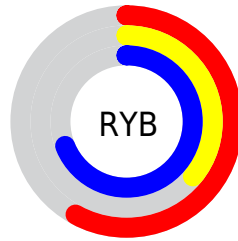
The RYB color **147, 92, 175** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **92, 175, 147**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **202, 144, 231**, and **94, 43, 122** is the 20% darker color. If you saturate the color by 10%, you get **141, 75, 175**, and if you desaturate by 10%, it is **153, 110, 175**.

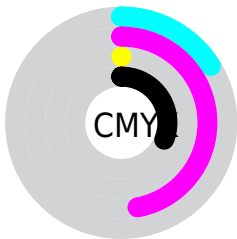
Distribution



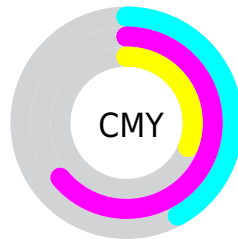
- Red (58%)
- Green (36%)
- Blue (69%)



- Red (58%)
- Yellow (36%)
- Blue (69%)



- Cyan (16%)
- Magenta (47%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 92, 175 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 147, 92, 175 by changing the saturation by 10% instead.



147, 92, 175



147, 92, 175

255, 255, 255



120, 67, 148



202, 144, 231



94, 43, 122



231, 171, 255



69, 18, 97



255, 198, 255



44, 0, 73



255, 227, 255



24, 0, 50



0, 1, 28



0, 0, 0



147, 92, 175




147, 92, 175



141, 75, 175



153, 110, 175


 135, 57, 175

 159, 127, 175

 129, 39, 175

 165, 145, 175

 123, 22, 175

 171, 162, 175

 117, 4, 175

 175, 180, 178

 116, 0, 175

 175, 197, 190

 175, 215, 202

 175, 232, 213

 175, 250, 225

Harmonies

Analogous

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



75, 103, 199



147, 92, 175



183, 75, 136

Triad

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



147, 92, 175



96, 153, 21



0, 68, 138

Complementary

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



147, 92, 175



92, 175, 147

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, 79, 134



147, 92, 175



18, 120, 24

Square

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



147, 92, 175



181, 100, 52



50, 129, 117



0, 76, 177

Rectangle

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



147, 92, 175



193, 72, 107



50, 129, 117



0, 71, 135

Sweetspot

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



147, 92, 175



216, 195, 227



92, 113, 175



108, 95, 115



242, 242, 242



115, 115, 115

Same Dimension

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



147, 92, 175



183, 98, 227



175, 92, 163



84, 78, 87



100, 0, 150



15, 0, 23

Inverse Universe

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



175, 92, 120



227, 98, 141



92, 165, 175



87, 78, 81



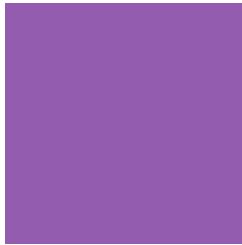
150, 0, 51



23, 0, 8

Previews

White Background



This preview shows how the RYB color 147, 92, 175 looks on a white background.

Color Contrast Check

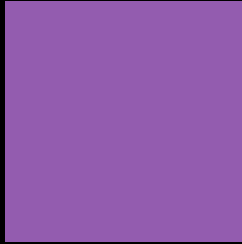
Large Text (above 18pt) WCAG AA ✓ Pass

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 147, 92, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

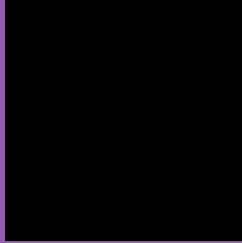
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 147, 92, 175 Background



This preview shows how black text looks on a background with the R Y B color 147, 92, 175.

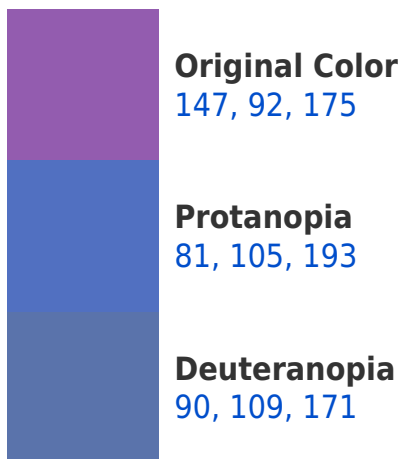



This preview shows how white text looks on a background with the R Y B color 147, 92, 175.

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
138, 106, 114

Trichromacy



Original Color

147, 92, 175

Protanomaly

105, 105, 186

Deuteranomaly

111, 106, 172

Tritanomaly

141, 101, 136

Monochromacy



Original Color

147, 92, 175

Achromatopsia

118, 118, 118

Achromatomaly

129, 109, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 92, 175 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(147, 92, 175)` looks like.

```
.text, #text, p{  
    color:rgb(147, 92, 175)  
}
```

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(147, 92, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 92, 175) }
```

Border

The CSS property to change the border of an element to RYB 147, 92, 175 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(147, 92, 175) }
```

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

```
.border{ border-color:rgb(147, 92, 175) }
```

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

Here you see how a box with a 4 pixel rgb(147, 92, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 92, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 92, 175);  
box-shadow:4px 4px 4px 4px rgb(147, 92,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 147, 92, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 92, 175) }
```

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

```
.background{ background-color: rgb(147, 92,  
175) }
```

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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