

Converting Colors

`RYB(145, 92, 177)`

Have a look what the booklet for
RYB(145, 92, 177) contains.

RYB(145, 92, 177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(145, 92, 177)

Conversions

Conversions Part 1

Format	Color
Hex	915CB1
RGB	145, 92, 177
RGB Percent	57%, 36%, 69%
CMY	0.4314, 0.6392, 0.3059
CMYK	0.18, 0.48, 0.00, 0.31
HSL	277°, 35%, 53%
HSV	277°, 48%, 69%
XYZ	23.4400, 16.8484, 43.6116
YIQ	117.5370, 4.3030, 37.6710

Conversions

Conversions Part 2

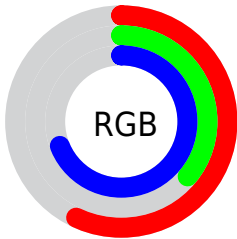
Format	Color
R_{YB}	145, 92, 177
Decimal	9526449
CIE _{Lab}	48.07, 37.40, -36.96
CIE _{LCh}	48, 52.581, 315.332
Yxy	16.8484, 0.2794, 0.2008
Android (android.graphics.Color)	4287716529 (0xFF915CB1)
YUV	117.5370, 29.3153, 24.0851
Hunter-Lab	41.0468, 30.1018, -34.2621

Details

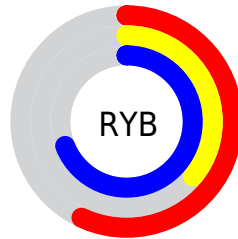
The RYB color **145, 92, 177** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **92, 177, 145**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **200, 144, 233**, and **92, 43, 124** is the 20% darker color. If you saturate the color by 10%, you get **138, 74, 177**, and if you desaturate by 10%, it is **152, 110, 177**.

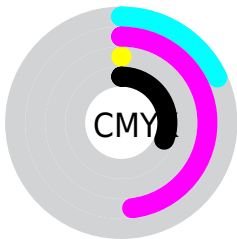
Distribution



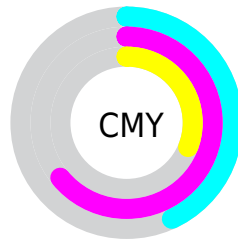
- Red (57%)
- Green (36%)
- Blue (69%)



- Red (57%)
- Yellow (36%)
- Blue (69%)



- Cyan (18%)
- Magenta (48%)
- Yellow (0%)
- Black (31%)



- Cyan (43%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 92, 177 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, 92, 177 by changing the saturation by 10% instead.

■ 145, 92, 177

255, 255, 255

■ 200, 144, 233

■ 229, 171, 255

■ 255, 198, 255

■ 255, 227, 255

■ 145, 92, 177

■ 118, 67, 150

■ 92, 43, 124

■ 67, 19, 99

■ 42, 0, 74

■ 21, 0, 51

■ 0, 2, 29

■ 0, 0, 0

■ 145, 92, 177

■ 138, 74, 177

■ 145, 92, 177

■ 152, 110, 177

132, 57, 177

158, 127, 177

125, 39, 177

165, 145, 177

118, 21, 177

172, 163, 177

112, 3, 177

177, 181, 180

110, 0, 177

177, 198, 190

177, 216, 201

177, 234, 213

177, 251, 223

Harmonies

Analogous

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



68, 100, 200



145, 92, 177



183, 74, 138

Triad

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



145, 92, 177



98, 154, 19



0, 68, 136

Complementary

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



145, 92, 177



92, 177, 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, 80, 134



145, 92, 177



13, 119, 17

Square

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



145, 92, 177



183, 98, 52



47, 129, 113



0, 76, 176

Rectangle

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



145, 92, 177



193, 70, 108



47, 129, 113



0, 71, 135

Sweetspot

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



145, 92, 177



217, 197, 230



92, 116, 177



107, 95, 115



242, 242, 242



115, 115, 115

Same Dimension

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



145, 92, 177



179, 96, 230



177, 92, 167



86, 80, 89



95, 0, 153



16, 0, 26

Inverse Universe

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



177, 92, 124



230, 96, 147



92, 168, 177



89, 80, 84



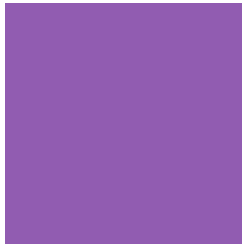
153, 0, 58



26, 0, 10

Previews

White Background



This preview shows how the RYB color 145, 92, 177 looks on a white background.

Color Contrast Check

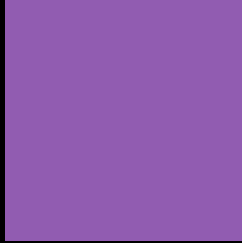
Large Text (above 18pt) WCAG AA ✓ Pass

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 145, 92, 177 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](#).

RYB 145, 92, 177 Background



This preview shows how black text looks on a background with the RYB color 145, 92, 177.



This preview shows how white text looks on a background with the RYB color 145, 92, 177.

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



Original Color
145, 92, 177

Protanopia
79, 105, 195

Deuteranopia
87, 108, 173



Tritanopia
135, 107, 115

Trichromacy



Original Color
145, 92, 177

Protanomaly
103, 105, 188

Deuteranomaly
108, 106, 174

Tritanomaly
139, 102, 138

Monochromacy



Original Color
145, 92, 177

Achromatopsia
118, 118, 118

Achromatomaly
128, 109, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 92, 177 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, 92, 177)` looks like.

```
.text, #text, p{  
    color:rgb(145, 92, 177)  
}
```

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, 92, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 92, 177) }
```

Border

The CSS property to change the border of an element to RYB 145, 92, 177 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, 92, 177) }
```

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

```
.border{ border-color:rgb(145, 92, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 92, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 92, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 92, 177); box-shadow:4px 4px 4px 4px rgb(145, 92, 177) }
```

Background

The CSS property to change the background color of an element to RGB 145, 92, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 92, 177) }
```

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

```
.background{ background-color: rgb(145, 92,  
177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor