

Converting Colors

`RYB(167, 125, 209)`

Have a look what the booklet for
RYB(167, 125, 209) contains.

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Color

R_YB(167, 125, 209)

Conversions

Conversions Part 1

Format	Color
Hex	A77DD1
RGB	167, 125, 209
RGB Percent	65%, 49%, 82%
CMY	0.3451, 0.5098, 0.1804
CMYK	0.20, 0.40, 0.00, 0.18
HSL	270°, 48%, 65%
HSV	270°, 40%, 82%
XYZ	34.7786, 27.4862, 63.7939
YIQ	147.1340, -1.9320, 35.0280

Conversions

Conversions Part 2

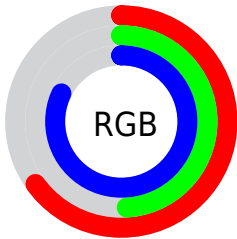
Format	Color
RYB	167, 125, 209
Decimal	10976721
CIELab	59.42, 32.53, -37.32
CIELCh	59, 49.506, 311.081
Yxy	27.4862, 0.2759, 0.2180
Android (android.graphics.Color)	4289166801 (0xFFA77DD1)
YUV	147.1340, 30.4999, 17.4225
Hunter-Lab	52.4273, 26.6636, -35.4455

Details

The RYB color **167, 125, 209** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **125, 209, 167**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **223, 178, 255**, and **113, 75, 154** is the 20% darker color. If you saturate the color by 10%, you get **157, 104, 209**, and if you desaturate by 10%, it is **177, 146, 209**.

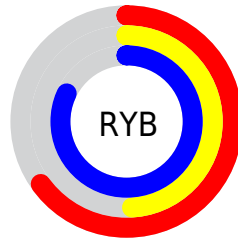
Distribution



Red (65%)

Green (49%)

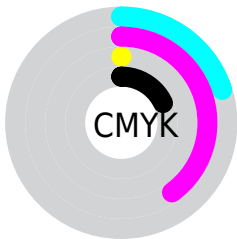
Blue (82%)



Red (65%)

Yellow (49%)

Blue (82%)

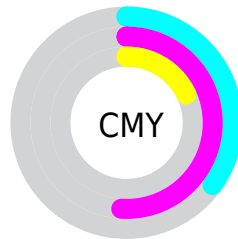


Cyan (20%)

Magenta (40%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (51%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 167, 125, 209 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 167, 125, 209 by changing the saturation by 10% instead.

 167, 125, 209

 167, 125, 209

255, 255, 255

 140, 100, 181

 223, 178, 255

 113, 75, 154


 252, 206, 255

 87, 51, 128

 255, 234, 255

 62, 29, 102

 37, 5, 78

 18, 0, 55

 0, 2, 32

 0, 0, 4

 0, 0, 0

167, 125, 209

167, 125, 209

157, 104, 209

177, 146, 209

146, 83, 209

188, 167, 209

136, 62, 209

198, 188, 209

125, 41, 209

209, 209, 209

115, 20, 209

209, 230, 220

105, 0, 209

209, 250, 229

209, 255, 224

209, 255, 213

209, 255, 209

Harmonies

Analogous

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



95, 130, 228



167, 125, 209



208, 109, 172

Triad

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



167, 125, 209



166, 190, 59



0, 84, 165

Complementary

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



167, 125, 209



125, 209, 167

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.



22, 108, 163



167, 125, 209



59, 152, 53

Square

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



167, 125, 209



216, 122, 88



74, 157, 126



0, 90, 199

Rectangle

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



167, 125, 209



221, 105, 143



74, 157, 126



0, 88, 165

Sweetspot

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



167, 125, 209



240, 224, 255



125, 153, 209



119, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



167, 125, 209



194, 133, 255



209, 125, 209



99, 94, 105



84, 0, 168



20, 0, 41

Inverse Universe

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



209, 125, 167



255, 133, 194



125, 209, 209



105, 94, 99



168, 0, 84



41, 0, 20

Previews

White Background



This preview shows how the RYB color 167, 125, 209 looks on a white background.

Color Contrast Check

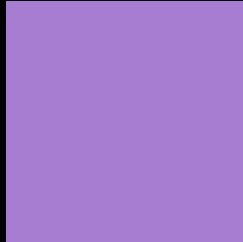
Large Text (above 18pt) WCAG AA ✓ Pass

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 167, 125, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

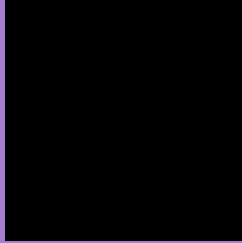
Any Text WCAG AA ✓ Pass

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 167, 125, 209 Background



This preview shows how black text looks on a background with the RYB color 167, 125, 209.

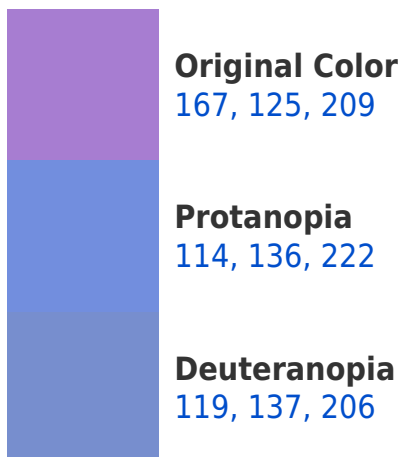


This preview shows how white text looks on a background with the RYB color 167, 125, 209.

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
157, 138, 149

Trichromacy



Original Color
167, 125, 209

Protanomaly
133, 135, 217

Deuteranomaly
136, 136, 207

Tritanomaly
161, 133, 171

Monochromacy



Original Color
167, 125, 209

Achromatopsia
147, 147, 147

Achromatomaly
154, 139, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 125, 209 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(167, 125, 209)` looks like.

```
.text, #text, p{  
    color:rgb(167, 125, 209)  
}
```

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(167, 125, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 125, 209) }
```

Border

The CSS property to change the border of an element to RYB 167, 125, 209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

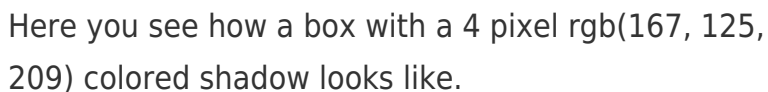
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 125, 209) }
```

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

```
.border{ border-color:rgb(167, 125, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 125, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 125, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 125, 209); box-shadow:4px 4px 4px 4px rgb(167, 125, 209) }
```

Background

The CSS property to change the background color of an element to RYB 167, 125, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 125, 209) }
```

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

```
.background{ background-color: rgb(167,  
125, 209) }
```

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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