

Converting Colors

`RYB(165, 138, 205)`

Have a look what the booklet for
RYB(165, 138, 205) contains.

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Color

R_YB(165, 138, 205)

Conversions

Conversions Part 1

Format	Color
Hex	A58ACD
RGB	165, 138, 205
RGB Percent	65%, 54%, 80%
CMY	0.3529, 0.4588, 0.1961
CMYK	0.20, 0.33, 0.00, 0.20
HSL	264°, 40%, 67%
HSV	264°, 33%, 80%
XYZ	35.6250, 30.5841, 61.7833
YIQ	153.7110, -5.4150, 26.5610

Conversions

Conversions Part 2

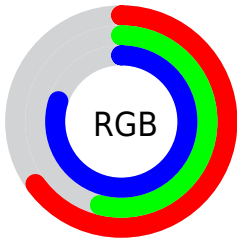
Format	Color
RYB	165, 138, 205
Decimal	10848973
CIELab	62.15, 23.63, -30.83
CIELCh	62, 38.841, 307.469
Yxy	30.5841, 0.2783, 0.2390
Android (android.graphics.Color)	4289039053 (0xFFA58ACD)
YUV	153.7110, 25.2855, 9.9005
Hunter-Lab	55.3029, 18.2060, -27.5256

Details

The RYB color **165, 138, 205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **138, 205, 165**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **221, 192, 255**, and **112, 88, 150** is the 20% darker color. If you saturate the color by 10%, you get **153, 118, 205**, and if you desaturate by 10%, it is **177, 159, 205**.

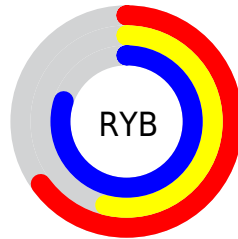
Distribution



Red (65%)

Green (54%)

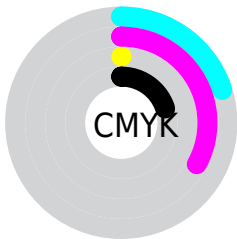
Blue (80%)



Red (65%)

Yellow (54%)

Blue (80%)

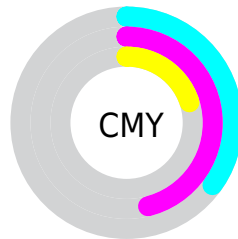


Cyan (20%)

Magenta (33%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (46%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 138, 205 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 165, 138, 205 by changing the saturation by 10% instead.

 165, 138, 205

255, 255, 255

 221, 192, 255

 250, 220, 255

 255, 248, 255

 165, 138, 205


 138, 112, 177


 112, 88, 150

 87, 64, 124

 62, 42, 99

 38, 20, 75

 18, 0, 52

 0, 2, 30


 0, 0, 0

 165, 138, 205


 165, 138, 205

 153, 118, 205

 177, 159, 205

 141, 97, 205

 189, 179, 205

 128, 77, 205


 202, 200, 205

 116, 56, 205


 205, 220, 211

 104, 35, 205

 205, 241, 220

 92, 15, 205

 205, 255, 222

 83, 0, 205

 205, 255, 209

 205, 255, 205

Harmonies

Analogous

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



112, 141, 218



165, 138, 205



200, 127, 177

Triad

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



165, 138, 205



194, 188, 87



0, 87, 168

Complementary

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



165, 138, 205



138, 205, 165

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.



82, 138, 166



165, 138, 205



96, 164, 81

Square

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



165, 138, 205



212, 132, 110



94, 160, 127



0, 89, 191

Rectangle

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



165, 138, 205



213, 123, 155



94, 160, 127



41, 111, 168

Sweetspot

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



165, 138, 205



240, 230, 255



138, 163, 205



118, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



165, 138, 205



196, 156, 255



198, 138, 205



96, 92, 102



67, 0, 166



15, 0, 38

Inverse Universe

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



205, 138, 178



255, 156, 215



138, 205, 198



102, 92, 98



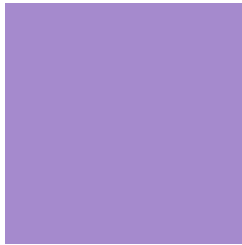
166, 0, 99



38, 0, 23

Previews

White Background



This preview shows how the RYB color 165, 138, 205 looks on a white background.

Color Contrast Check

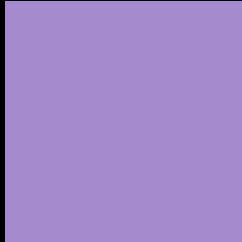
Large Text (above 18pt) WCAG AA × Fail

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 165, 138, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

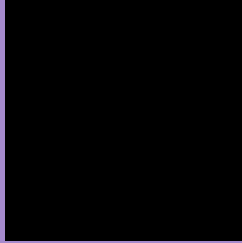
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 165, 138, 205 Background



This preview shows how black text looks on a background with the RYB color 165, 138, 205.

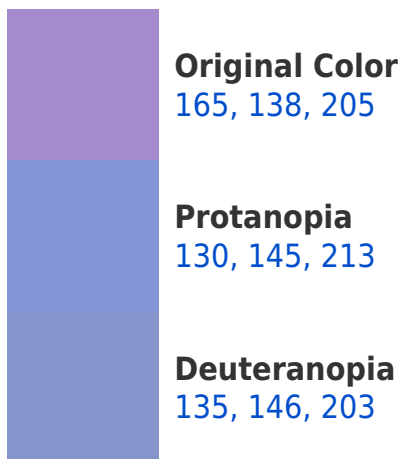


This preview shows how white text looks on a background with the RYB color 165, 138, 205.

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, 147, 159

Trichromacy



Original Color
165, 138, 205

Protanomaly
143, 144, 210

Deuteranomaly
146, 144, 204

Tritanomaly
160, 144, 176

Monochromacy



Original Color
165, 138, 205

Achromatopsia
154, 154, 154

Achromatomaly
158, 148, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 138, 205 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(165, 138, 205)` looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 205)  
}
```

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(165, 138, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 205) }
```

Border

The CSS property to change the border of an element to RYB 165, 138, 205 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(165, 138, 205) }
```

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

```
.border{ border-color:rgb(165, 138, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 138, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 138, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 138, 205); box-shadow:4px 4px 4px 4px rgb(165, 138, 205) }
```

Background

The CSS property to change the background color of an element to RYB 165, 138, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 138, 205) }
```

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

```
.background{ background-color: rgb(165,  
138, 205) }
```

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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