

Converting Colors

`RYB(165, 148, 214)`

Have a look what the booklet for
RYB(165, 148, 214) contains.

RYB(165, 148, 214)	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(165, 148, 214)

Conversions

Conversions Part 1

Format	Color
Hex	A594D6
RGB	165, 148, 214
RGB Percent	65%, 58%, 84%
CMY	0.3529, 0.4196, 0.1608
CMYK	0.23, 0.31, 0.00, 0.16
HSL	255°, 45%, 71%
HSV	255°, 31%, 84%
XYZ	38.2446, 34.0342, 68.1719
YIQ	160.6070, -11.0540, 24.1300

Conversions

Conversions Part 2

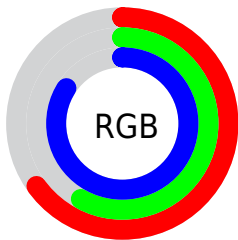
Format	Color
R _Y B	165, 148, 214
Decimal	10851542
CIE Lab	64.99, 20.04, -31.46
CIE LCh	65, 37.300, 302.493
Yxy	34.0342, 0.2723, 0.2423
Android (android.graphics.Color)	4289041622 (0xFFA594D6)
YUV	160.6070, 26.3227, 3.8527
Hunter-Lab	58.3388, 14.9244, -28.4462

Details

The RYB color **165, 148, 214** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **148, 214, 165**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **221, 202, 255**, and **112, 97, 159** is the 20% darker color. If you saturate the color by 10%, you get **149, 127, 214**, and if you desaturate by 10%, it is **181, 169, 214**.

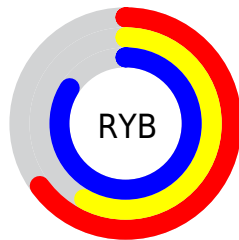
Distribution



Red (65%)

Green (58%)

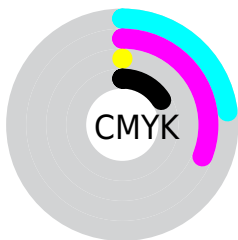
Blue (84%)



Red (65%)

Yellow (58%)

Blue (84%)

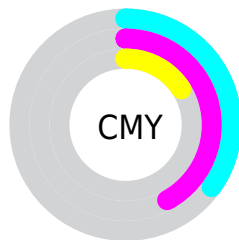


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (16%)



Cyan (35%)


Magenta (42%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 148, 214 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, 148, 214 by changing the saturation by 10% instead.


 165, 148, 214

255, 255, 255

 221, 202, 255

 250, 230, 255

 165, 148, 214

 138, 122, 186

 112, 97, 159

 86, 73, 133

 62, 51, 107

 37, 29, 83

 12, 7, 59

 0, 2, 37


 0, 1, 13


 0, 0, 0

 165, 148, 214

 165, 148, 214

 149, 127, 214


 181, 169, 214

 133, 105, 214

 197, 191, 214

 117, 84, 214

 213, 212, 214

 101, 62, 214

 214, 234, 219

 86, 41, 214

 214, 255, 225

 70, 20, 214

 214, 255, 214

 55, 0, 214

Harmonies

Analogous

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



113, 146, 224



165, 148, 214



202, 137, 189

Triad

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



165, 148, 214



204, 181, 99



51, 117, 175

Complementary

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



165, 148, 214



148, 214, 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.



101, 154, 173



165, 148, 214



116, 177, 90

Square

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



165, 148, 214



220, 136, 124



100, 166, 124



0, 91, 192

Rectangle

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



165, 148, 214



216, 132, 168



100, 166, 124



69, 130, 175

Sweetspot

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



165, 148, 214



238, 232, 255



148, 176, 214



117, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



165, 148, 214



185, 161, 255



198, 148, 214



99, 96, 107



44, 0, 171



11, 0, 43

Inverse Universe

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



214, 148, 197



255, 161, 231



148, 214, 197



107, 96, 104



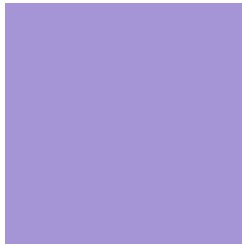
171, 0, 127



43, 0, 32

Previews

White Background



This preview shows how the RYB color 165, 148, 214 looks on a white background.

Color Contrast Check

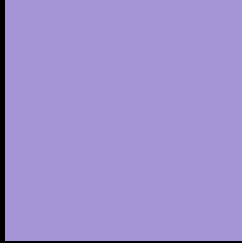
Large Text (above 18pt) WCAG AA × Fail

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, 148, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

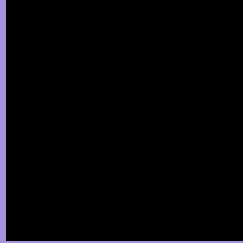
Any Text WCAG AA ✓ Pass

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, 148, 214 Background



This preview shows how black text looks on a background with the RYB color 165, 148, 214.



This preview shows how white text looks on a background with the RYB color 165, 148, 214.

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
165, 148, 214

Protanopia
138, 153, 220

Deuteranopia
142, 153, 212



Tritanopia
157, 157, 169

Trichromacy



Original Color
165, 148, 214

Protanomaly
148, 153, 218

Deuteranomaly
150, 152, 213

Tritanomaly
160, 154, 185

Monochromacy



Original Color
165, 148, 214

Achromatopsia
161, 161, 161

Achromatomaly
162, 156, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 148, 214 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, 148, 214)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 214)  
}
```

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, 148, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 214) }
```

Border

The CSS property to change the border of an element to RYB 165, 148, 214 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, 148, 214) }
```

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

```
.border{ border-color:rgb(165, 148, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 214);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 165, 148, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 214) }
```

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

```
.background{ background-color: rgb(165,  
148, 214) }
```

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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