

Converting Colors

`RYB(205, 144, 238)`

Have a look what the booklet for
RYB(205, 144, 238) contains.

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Color

R_YB(205, 144, 238)

Conversions

Conversions Part 1

Format	Color
Hex	CD90EE
RGB	205, 144, 238
RGB Percent	80%, 56%, 93%
CMY	0.1961, 0.4353, 0.0667
CMYK	0.14, 0.39, 0.00, 0.07
HSL	279°, 73%, 75%
HSV	279°, 39%, 93%
XYZ	50.5827, 39.0987, 85.7697
YIQ	172.9550, 6.1820, 42.1660

Conversions

Conversions Part 2

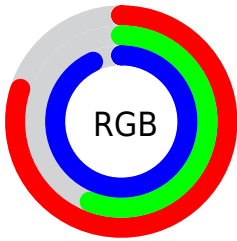
Format	Color
R _Y B	205, 144, 238
Decimal	13471982
CIE Lab	68.82, 39.57, -38.46
CIE LCh	69, 55.186, 315.816
Yxy	39.0987, 0.2883, 0.2228
Android (android.graphics.Color)	4291662062 (0xFFCD90EE)
YUV	172.9550, 32.0672, 28.1035
Hunter-Lab	62.5290, 34.9717, -37.5566

Details

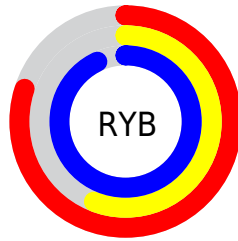
The RYB color **205, 144, 238** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **144, 238, 205**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 199, 255**, and **149, 92, 182** is the 20% darker color. If you saturate the color by 10%, you get **197, 120, 238**, and if you desaturate by 10%, it is **213, 168, 238**.

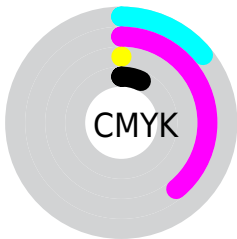
Distribution



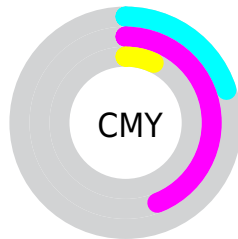
- Red (80%)
- Green (56%)
- Blue (93%)



- Red (80%)
- Yellow (56%)
- Blue (93%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 144, 238 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 205, 144, 238 by changing the saturation by 10% instead.

 205, 144, 238

 205, 144, 238

255, 255, 255

 177, 118, 210


 255, 199, 255

 149, 92, 182

 255, 227, 255

 122, 67, 155

 96, 43, 128

 70, 18, 103

 45, 0, 78


 25, 0, 55


 0, 2, 32

 0, 0, 5


 205, 144, 238


 205, 144, 238


 197, 120, 238

 213, 168, 238

 188, 96, 238


 222, 192, 238

 180, 73, 238

 230, 215, 238

 172, 49, 238

 238, 239, 239

 163, 25, 238

 238, 255, 246

 155, 1, 238

 238, 255, 238

 154, 0, 238

Harmonies

Analogous

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



129, 156, 255



205, 144, 238



248, 128, 194

Triad

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



205, 144, 238



166, 216, 68



0, 97, 194

Complementary

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



205, 144, 238



144, 238, 205

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, 110, 191



205, 144, 238



66, 173, 68

Square

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



205, 144, 238



248, 153, 98



95, 185, 166



0, 105, 238

Rectangle

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



205, 144, 238



255, 124, 160



95, 185, 166



0, 101, 193

Sweetspot

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



205, 144, 238



244, 224, 255



144, 169, 238



121, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 144, 238



213, 135, 255



238, 144, 225



116, 108, 120



119, 0, 184



36, 0, 56

Inverse Universe

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



238, 144, 177



255, 135, 177



144, 227, 238



120, 108, 112



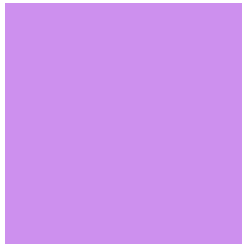
184, 0, 64



56, 0, 20

Previews

White Background



This preview shows how the RYB color 205, 144, 238 looks on a white background.

Color Contrast Check

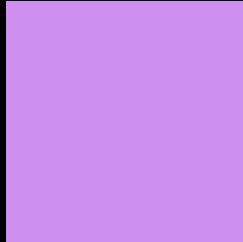
Large Text (above 18pt) WCAG AA × Fail

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 205, 144, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

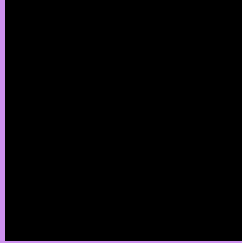
Any Text WCAG AA ✓ Pass

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 205, 144, 238 Background



This preview shows how black text looks on a background with the RYB color 205, 144, 238.

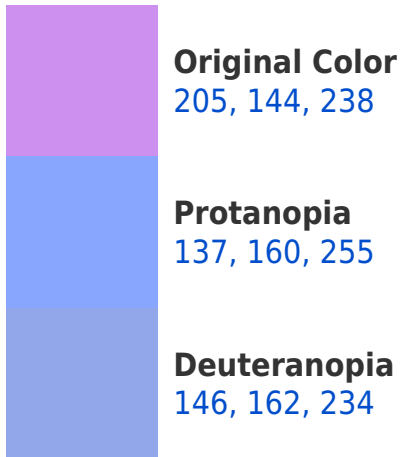



This preview shows how white text looks on a background with the RYB color 205, 144, 238.

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
195, 158, 171

Trichromacy



Original Color

205, 144, 238



Protanomaly

162, 157, 249



Deuteranomaly

167, 158, 235



Tritanomaly

199, 153, 195

Monochromacy



Original Color

205, 144, 238



Achromatopsia

173, 173, 173



Achromatomaly

185, 162, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 144, 238 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(205, 144, 238) looks like.

```
.text, #text, p{  
    color:rgb(205, 144, 238)  
}
```

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(205, 144, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 144, 238) }
```

Border

The CSS property to change the border of an element to RYB 205, 144, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

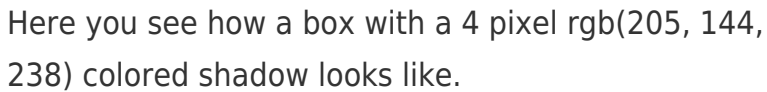
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 144, 238) }
```

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

```
.border{ border-color:rgb(205, 144, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 144, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 144, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 144, 238);  
box-shadow:4px 4px 4px 4px rgb(205, 144,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 205, 144, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 144, 238) }
```

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

```
.background{ background-color: rgb(205,  
144, 238) }
```

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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