

Converting Colors

`RYB(221, 135, 205)`

Have a look what the booklet for
RYB(221, 135, 205) contains.

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Color

`RYB(221, 135, 205)`

Conversions

Conversions Part 1

Format	Color
Hex	DD87CD
RGB	221, 135, 205
RGB Percent	87%, 53%, 80%
CMY	0.1333, 0.4706, 0.1961
CMYK	0.00, 0.39, 0.07, 0.13
HSL	311°, 56%, 70%
HSV	311°, 39%, 87%
XYZ	49.5022, 37.1079, 62.3111
YIQ	168.6940, 28.7860, 40.0020

Conversions

Conversions Part 2

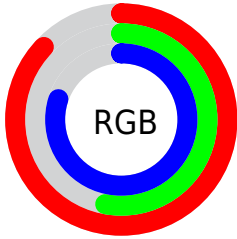
Format	Color
R _Y B	221, 135, 205
Decimal	14518221
CIE Lab	67.36, 42.98, -22.33
CIE LCh	67, 48.435, 332.551
Yxy	37.1079, 0.3324, 0.2492
Android (android.graphics.Color)	4292708301 (0xFFDD87CD)
YUV	168.6940, 17.8989, 45.8724
Hunter-Lab	60.9162, 38.4506, -18.0063

Details

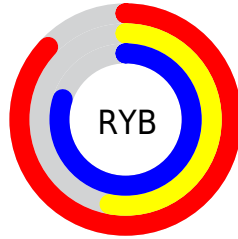
The RYB color **221, 135, 205** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **135, 208, 221**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 190, 255**, and **164, 83, 151** is the 20% darker color. If you saturate the color by 10%, you get **221, 113, 201**, and if you desaturate by 10%, it is **221, 157, 209**.

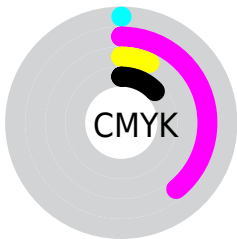
Distribution



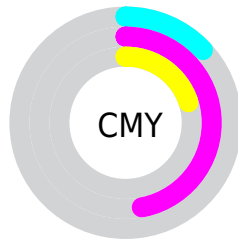
- Red (87%)
- Green (53%)
- Blue (80%)



- Red (87%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (39%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 221, 135, 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 221, 135, 205 by changing the saturation by 10% instead.

 221, 135, 205

 221, 135, 205

255, 255, 255

 192, 109, 177

 255, 190, 255

 164, 83, 151

 255, 218, 255

 137, 57, 125

 255, 247, 255

 110, 31, 100


 84, 0, 75


 59, 0, 52


 37, 0, 31


 0, 0, 1


 0, 0, 0


 221, 135, 205


 221, 135, 205

 221, 113, 201


 221, 157, 209

 221, 91, 197


 221, 179, 213

 221, 69, 193

 221, 201, 217

 221, 47, 189


 221, 223, 223

 221, 24, 184

 221, 242, 246

 221, 2, 180

 221, 248, 255

 221, 0, 180

 221, 246, 255

 221, 244, 255

 221, 242, 255

Harmonies

Analogous

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



172, 151, 238



221, 135, 205



244, 127, 162

Triad

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



221, 135, 205



103, 186, 74



0, 98, 210

Complementary

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



221, 135, 205



135, 208, 221

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, 98, 186



221, 135, 205



88, 175, 122

Square

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



221, 135, 205



222, 195, 87



84, 156, 183



0, 103, 241

Rectangle

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



221, 135, 205



246, 129, 133



84, 156, 183



0, 95, 196

Sweetspot

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



221, 135, 205



255, 224, 249



151, 135, 221



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

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



221, 135, 205



255, 135, 233



221, 135, 162



110, 99, 108



173, 0, 141



46, 0, 37

Inverse Universe

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



221, 135, 205



255, 135, 233



135, 186, 221



110, 99, 108



173, 0, 141



46, 0, 37

Previews

White Background



This preview shows how the RYB color 221, 135, 205 looks on a white background.

Color Contrast Check

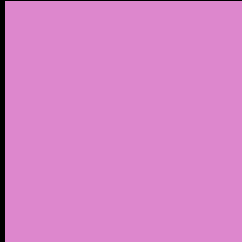
Large Text (above 18pt) WCAG AA × Fail

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 221, 135, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

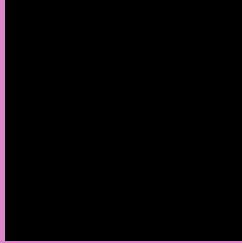
Any Text WCAG AA ✓ Pass

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 221, 135, 205 Background



This preview shows how black text looks on a background with the RYB color 221, 135, 205.

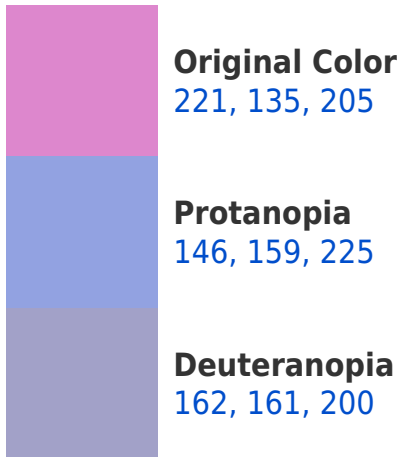



This preview shows how white text looks on a background with the RYB color 221, 135, 205.

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
215, 145, 156

Trichromacy



Original Color

221, 135, 205



Protanomaly

173, 152, 218



Deuteranomaly

183, 152, 202



Tritanomaly

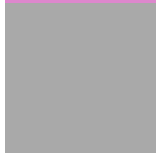
217, 141, 174

Monochromacy



Original Color

221, 135, 205



Achromatopsia

169, 169, 169



Achromatomaly

188, 157, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 135, 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(221, 135, 205)` looks like.

```
.text, #text, p{  
    color:rgb(221, 135, 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(221, 135, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 135, 205) }
```

Border

The CSS property to change the border of an element to RYB 221, 135, 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(221, 135, 205) }
```

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

```
.border{ border-color:rgb(221, 135, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 135, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 135, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 135, 205); box-shadow:4px 4px 4px 4px rgb(221, 135, 205) }
```

Background

The CSS property to change the background color of an element to RGB 221, 135, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 135, 205) }
```

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

```
.background{ background-color: rgb(221,  
135, 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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