

Converting Colors

`RYB(205, 145, 214)`

Have a look what the booklet for RYB(205, 145, 214) contains.

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Color

R_YB(205, 145, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CD91D6
RGB	205, 145, 214
RGB Percent	80%, 57%, 84%
CMY	0.1961, 0.4314, 0.1608
CMYK	0.04, 0.32, 0.00, 0.16
HSL	292°, 46%, 70%
HSV	292°, 32%, 84%
XYZ	47.4398, 38.0850, 68.4691
YIQ	170.8060, 13.6110, 34.1790

Conversions

Conversions Part 2

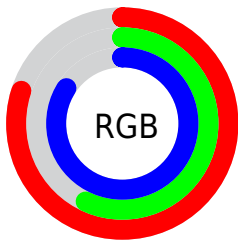
Format	Color
R _Y B	205, 145, 214
Decimal	13472214
CIE Lab	68.08, 34.19, -26.38
CIE LCh	68, 43.181, 322.352
Yxy	38.0850, 0.3081, 0.2473
Android (android.graphics.Color)	4291662294 (0xFFCD91D6)
YUV	170.8060, 21.2946, 29.9881
Hunter-Lab	61.7130, 29.2181, -22.5817

Details

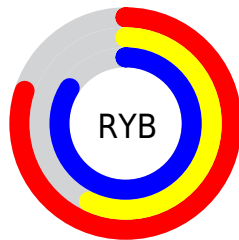
The RYB color **205, 145, 214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **145, 214, 205**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 200, 255**, and **150, 93, 159** is the 20% darker color. If you saturate the color by 10%, you get **202, 124, 214**, and if you desaturate by 10%, it is **208, 166, 214**.

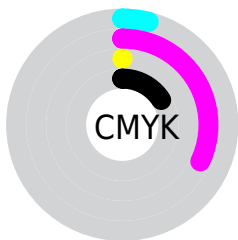
Distribution



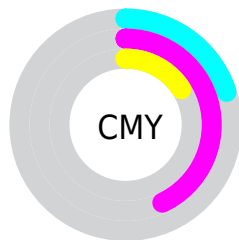
- Red (80%)
- Green (57%)
- Blue (84%)



- Red (80%)
- Yellow (57%)
- Blue (84%)



- Cyan (4%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 145, 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 205, 145, 214 by changing the saturation by 10% instead.

 205, 145, 214

 205, 145, 214

255, 255, 255

 177, 119, 186

 255, 200, 255

 150, 93, 159

 255, 228, 255

 123, 69, 133

 97, 45, 107

 72, 21, 83

 48, 0, 59


 28, 0, 38

 0, 1, 14

 0, 0, 0


 205, 145, 214

 205, 145, 214

 202, 124, 214

 208, 166, 214

 199, 102, 214


 211, 188, 214

 197, 81, 214


 213, 209, 214

 194, 59, 214

 214, 231, 229

 191, 38, 214

 214, 252, 247

 188, 17, 214

 214, 255, 247

 186, 0, 214

 214, 255, 244

 214, 255, 242

 214, 255, 239

Harmonies

Analogous

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



154, 160, 238



205, 145, 214



234, 135, 178

Triad

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



205, 145, 214



148, 199, 88



0, 95, 194

Complementary

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



205, 145, 214



145, 214, 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.



53, 129, 186



205, 145, 214



92, 173, 104

Square

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



205, 145, 214



227, 166, 106



115, 179, 181



0, 101, 227

Rectangle

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



205, 145, 214



241, 135, 151



115, 179, 181



0, 94, 186

Sweetspot

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



205, 145, 214



252, 230, 255



145, 153, 214



126, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 145, 214



242, 156, 255



214, 145, 189



106, 96, 107



149, 0, 171



38, 0, 43

Inverse Universe

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



214, 145, 154



255, 156, 169



145, 196, 214



107, 96, 98



171, 0, 22



43, 0, 6

Previews

White Background



This preview shows how the RYB color 205, 145, 214 looks on a white background.

Color Contrast Check

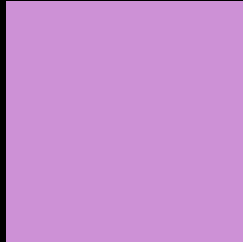
Large Text (above 18pt) WCAG AA × Fail

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 205, 145, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

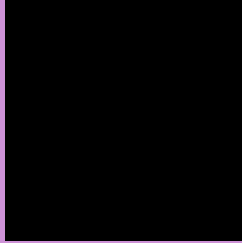
Any Text WCAG AA ✓ Pass

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](#).

RYP 205, 145, 214 Background



This preview shows how black text looks on a background with the RYB color 205, 145, 214.

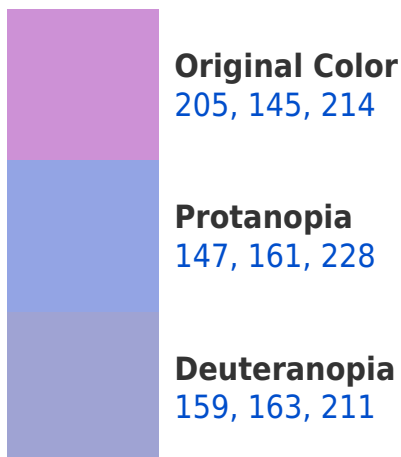


This preview shows how white text looks on a background with the RYB color 205, 145, 214.

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





Tritanopia
198, 154, 166

Trichromacy



Original Color

205, 145, 214



Protanomaly

168, 157, 223



Deuteranomaly

176, 156, 212



Tritanomaly

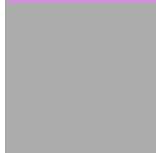
201, 151, 183

Monochromacy



Original Color

205, 145, 214



Achromatopsia

171, 171, 171



Achromatomaly

183, 162, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 145, 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(205, 145, 214) looks like.

```
.text, #text, p{  
    color:rgb(205, 145, 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(205, 145, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 145, 214) }
```

Border

The CSS property to change the border of an element to RYB 205, 145, 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(205, 145, 214) }
```

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

```
.border{ border-color:rgb(205, 145, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 145, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 145, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 145, 214);  
box-shadow:4px 4px 4px 4px rgb(205, 145,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 205, 145, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 145, 214) }
```

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

```
.background{ background-color: rgb(205,  
145, 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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