

Converting Colors

`RYB(213, 129, 205)`

Have a look what the booklet for
RYB(213, 129, 205) contains.

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Color

R_YB(213, 129, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D581CD
RGB	213, 129, 205
RGB Percent	84%, 51%, 80%
CMY	0.1647, 0.4941, 0.1961
CMYK	0.00, 0.39, 0.04, 0.16
HSL	306°, 50%, 67%
HSV	306°, 39%, 84%
XYZ	46.3103, 34.2544, 61.9286
YIQ	162.7800, 25.6680, 41.4440

Conversions

Conversions Part 2

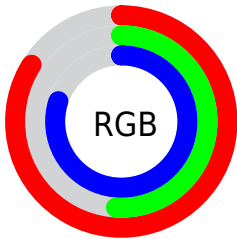
Format	Color
R_{YB}	213, 129, 205
Decimal	13992397
CIE _{Lab}	65.16, 43.60, -25.77
CIE _{LCh}	65, 50.645, 329.415
Y _{xy}	34.2544, 0.3250, 0.2404
Android (android.graphics.Color)	4292182477 (0xFFD581CD)
YUV	162.7800, 20.8145, 44.0429
Hunter-Lab	58.5273, 38.8171, -21.7665

Details

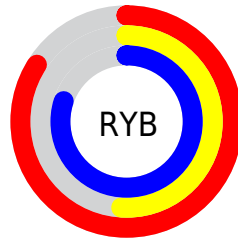
The RYB color **213, 129, 205** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **129, 206, 213**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 184, 255**, and **157, 77, 151** is the 20% darker color. If you saturate the color by 10%, you get **213, 108, 203**, and if you desaturate by 10%, it is **213, 150, 207**.

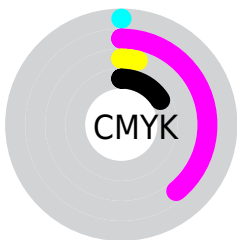
Distribution



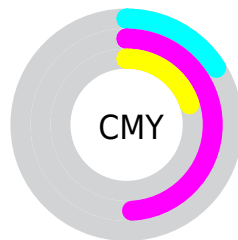
- Red (84%)
- Green (51%)
- Blue (80%)



- Red (84%)
- Yellow (51%)
- Blue (80%)



- Cyan (0%)
- Magenta (39%)
- Yellow (4%)
- Black (16%)




- Cyan (16%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 129, 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 213, 129, 205 by changing the saturation by 10% instead.

 213, 129, 205

 213, 129, 205

255, 255, 255

 185, 103, 177

 255, 184, 255

 157, 77, 151

 255, 212, 255

 130, 51, 125

 255, 241, 255

 103, 24, 99


 77, 0, 75

 53, 0, 52

 28, 0, 31

 0, 0, 0

 213, 129, 205


 213, 129, 205


 213, 108, 203


 213, 150, 207

 213, 86, 201


 213, 172, 209

 213, 65, 199


 213, 193, 211

 213, 44, 197


 213, 214, 214

 213, 23, 195

 213, 233, 235

 213, 1, 193

 213, 251, 255

 213, 0, 193

 213, 250, 255

 213, 248, 255

 213, 247, 255

Harmonies

Analogous

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



159, 147, 237



213, 129, 205



240, 119, 161

Triad

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



213, 129, 205



104, 185, 64



0, 95, 201

Complementary

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



213, 129, 205



129, 206, 213

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, 97, 181



213, 129, 205



75, 169, 105

Square

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



213, 129, 205



220, 182, 80



80, 154, 177



0, 100, 235

Rectangle

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



213, 129, 205



243, 121, 131



80, 154, 177



0, 92, 187

Sweetspot

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



213, 129, 205



255, 224, 252



136, 129, 213



128, 110, 126



0, 0, 0



128, 128, 128

Same Dimension

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



213, 129, 205



255, 135, 244



213, 129, 164



107, 96, 106



171, 0, 155



43, 0, 39

Inverse Universe

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



213, 129, 205



255, 135, 244



129, 182, 213



107, 96, 106



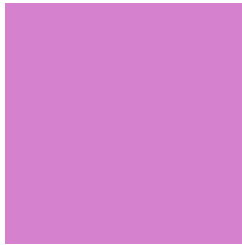
171, 0, 155



43, 0, 39

Previews

White Background



This preview shows how the RYB color 213, 129, 205 looks on a white background.

Color Contrast Check

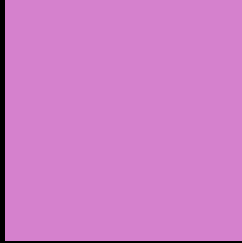
Large Text (above 18pt) WCAG AA × Fail

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 213, 129, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

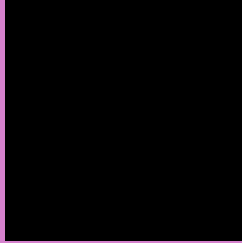
Any Text WCAG AA ✓ Pass

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 213, 129, 205 Background



This preview shows how black text looks on a background with the RYB color 213, 129, 205.

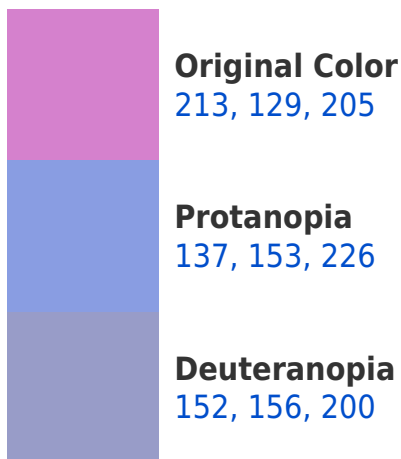



This preview shows how white text looks on a background with the RYB color 213, 129, 205.

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
206, 140, 151

Trichromacy



Original Color

213, 129, 205



Protanomaly

165, 146, 218



Deuteranomaly

174, 146, 202



Tritanomaly

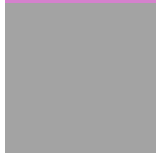
209, 136, 171

Monochromacy



Original Color

213, 129, 205



Achromatopsia

163, 163, 163



Achromatomaly

181, 151, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 129, 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(213, 129, 205)` looks like.

```
.text, #text, p{  
    color:rgb(213, 129, 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(213, 129, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 129, 205) }
```

Border

The CSS property to change the border of an element to RYB 213, 129, 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(213, 129, 205) }
```

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

```
.border{ border-color:rgb(213, 129, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 129, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 129, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 129, 205); box-shadow:4px 4px 4px 4px rgb(213, 129, 205) }
```

Background

The CSS property to change the background color of an element to RYB 213, 129, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 129, 205) }
```

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

```
.background{ background-color: rgb(213,  
129, 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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