

Converting Colors

`RYB(206, 125, 214)`

Have a look what the booklet for RYB(206, 125, 214) contains.

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Color

R_YB(206, 125, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CE7DD6
RGB	206, 125, 214
RGB Percent	81%, 49%, 84%
CMY	0.1922, 0.5098, 0.1608
CMYK	0.04, 0.42, 0.00, 0.16
HSL	295°, 52%, 66%
HSV	295°, 42%, 84%
XYZ	44.9248, 32.6441, 67.5515
YIQ	159.3650, 19.7070, 44.8510

Conversions

Conversions Part 2

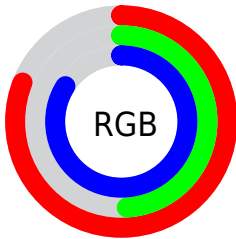
Format	Color
R _Y B	206, 125, 214
Decimal	13532630
CIE Lab	63.87, 45.21, -32.87
CIE LCh	64, 55.892, 323.981
Yxy	32.6441, 0.3096, 0.2249
Android (android.graphics.Color)	4291722710 (0xFFCE7DD6)
YUV	159.3650, 26.9351, 40.8989
Hunter-Lab	57.1350, 40.3669, -30.1049

Details

The RYB color **206, 125, 214** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **125, 214, 206**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 179, 255**, and **150, 73, 159** is the 20% darker color. If you saturate the color by 10%, you get **204, 104, 214**, and if you desaturate by 10%, it is **208, 146, 214**.

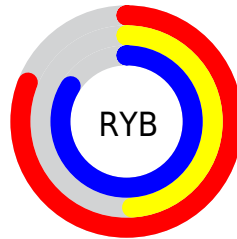
Distribution



Red (81%)

Green (49%)

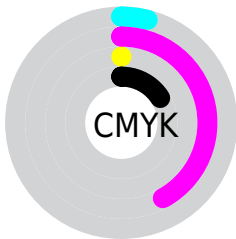
Blue (84%)



Red (81%)

Yellow (49%)

Blue (84%)

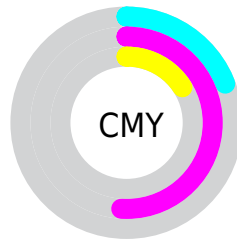


Cyan (4%)

Magenta (42%)

Yellow (0%)

Black (16%)



Cyan (19%)

Magenta (51%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 125, 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 206, 125, 214 by changing the saturation by 10% instead.

 206, 125, 214

 206, 125, 214

255, 255, 255

 178, 99, 186

 255, 179, 255


 150, 73, 159

 255, 207, 255


 123, 47, 133

 255, 236, 255

 97, 19, 107

 71, 0, 82

 47, 0, 59


 19, 0, 37

 0, 0, 12

 0, 0, 0


 206, 125, 214


 206, 125, 214


 204, 104, 214


 208, 146, 214

 202, 82, 214


 210, 168, 214

 200, 61, 214

 212, 189, 214

 198, 39, 214

 214, 211, 214

 196, 18, 214

 214, 232, 230

 195, 0, 214

 214, 253, 249

 214, 255, 250

 214, 255, 248

 214, 255, 246

Harmonies

Analogous

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



139, 146, 246



206, 125, 214



240, 111, 167

Triad

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



206, 125, 214



109, 191, 49



0, 93, 194

Complementary

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



206, 125, 214



125, 214, 206

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, 100, 179



206, 125, 214



57, 164, 78

Square

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



206, 125, 214



227, 161, 75



79, 162, 174



0, 100, 234

Rectangle

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



206, 125, 214



247, 110, 133



79, 162, 174



0, 90, 179

Sweetspot

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



206, 125, 214



252, 224, 255



125, 133, 214



126, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 125, 214



244, 128, 255



214, 125, 178



106, 96, 107



155, 0, 171



39, 0, 43

Inverse Universe

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



214, 125, 133



255, 128, 139



125, 188, 214



107, 96, 97



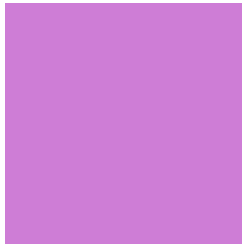
171, 0, 15



43, 0, 4

Previews

White Background



This preview shows how the RYB color 206, 125, 214 looks on a white background.

Color Contrast Check

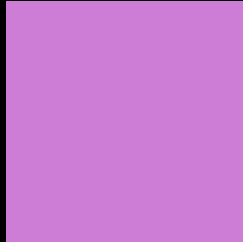
Large Text (above 18pt) WCAG AA × Fail

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 206, 125, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

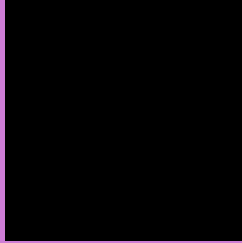
Any Text WCAG AA ✓ Pass

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](#).

R Y B 206, 125, 214 Background



This preview shows how black text looks on a background with the R Y B color 206, 125, 214.

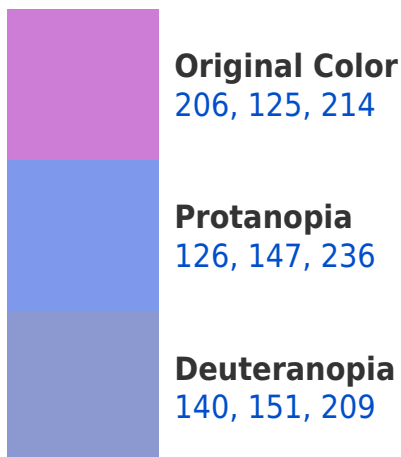


This preview shows how white text looks on a background with the R Y B color 206, 125, 214.

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](#).

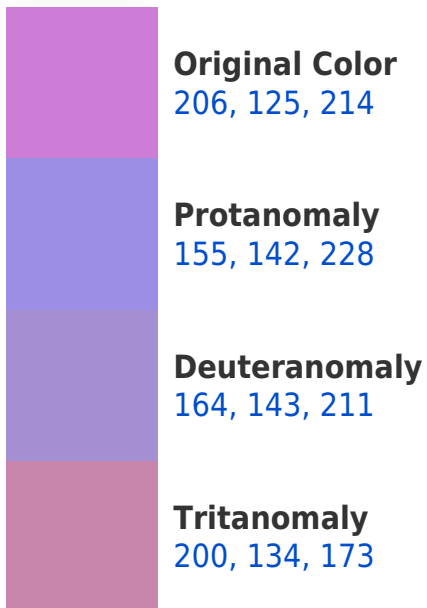
Dichromacy



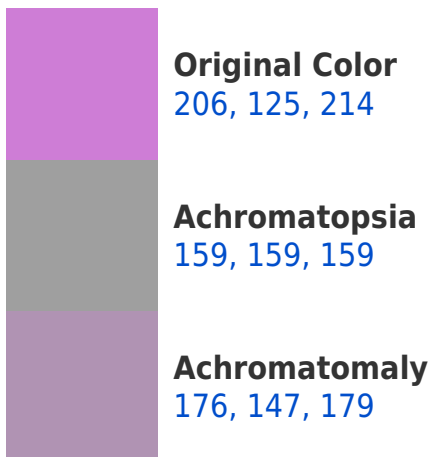


Tritanopia
197, 139, 150

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 125, 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(206, 125, 214) looks like.

```
.text, #text, p{  
    color:rgb(206, 125, 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(206, 125, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 125, 214) }
```

Border

The CSS property to change the border of an element to RYB 206, 125, 214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

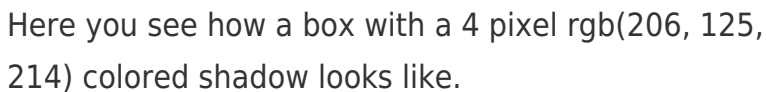
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 125, 214) }
```

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

```
.border{ border-color:rgb(206, 125, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 125, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 125, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 125, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 125,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 206, 125, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 125, 214) }
```

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

```
.background{ background-color: rgb(206,  
125, 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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