

Converting Colors

`RYB(211, 122, 166)`

Have a look what the booklet for
RYB(211, 122, 166) contains.

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Color

$\text{RYB}(211, 122, 166)$

Conversions

Conversions Part 1

Format	Color
Hex	D37AA6
RGB	211, 122, 166
RGB Percent	83%, 48%, 65%
CMY	0.1725, 0.5216, 0.3490
CMYK	0.00, 0.42, 0.21, 0.17
HSL	330°, 50%, 65%
HSV	330°, 42%, 83%
XYZ	40.7064, 30.5211, 39.8221
YIQ	153.6270, 38.9200, 32.5520

Conversions

Conversions Part 2

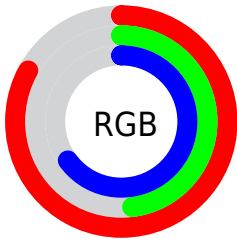
Format	Color
R _Y B	211, 122, 166
Decimal	13859494
CIE Lab	62.10, 40.24, -8.37
CIE LCh	62, 41.105, 348.252
Yxy	30.5211, 0.3666, 0.2748
Android (android.graphics.Color)	4292049574 (0xFFD37AA6)
YUV	153.6270, 6.0999, 50.3161
Hunter-Lab	55.2459, 34.8424, -4.0650

Details

The RYB color **211, 122, 166** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **122, 181, 211**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 176, 221**, and **154, 70, 114** is the 20% darker color. If you saturate the color by 10%, you get **211, 101, 155**, and if you desaturate by 10%, it is **211, 143, 177**.

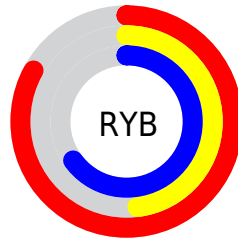
Distribution



Red (83%)

Green (48%)

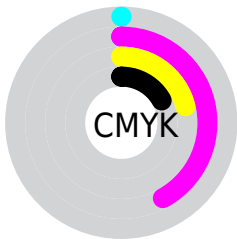
Blue (65%)



Red (83%)

Yellow (48%)

Blue (65%)

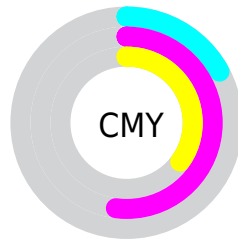


Cyan (0%)

Magenta (42%)

Yellow (21%)

Black (17%)



Cyan (17%)


Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 122, 166 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 211, 122, 166 by changing the saturation by 10% instead.


 211, 122, 166

255, 255, 255

 255, 176, 221

 255, 204, 250

 255, 233, 255

 211, 122, 166


 182, 96, 140

 154, 70, 114

 127, 45, 90

 100, 17, 66


 74, 0, 44


 51, 0, 24


 15, 0, 0


 0, 0, 0


 211, 122, 166


 211, 122, 166


 211, 101, 155


 211, 143, 177

 211, 80, 145


 211, 164, 187


 211, 59, 134


 211, 185, 198


 211, 38, 123

 211, 206, 209


 211, 17, 113


 211, 223, 228

 211, 0, 104

 211, 236, 249

 211, 237, 255

 211, 234, 255

 211, 233, 255

Harmonies

Analogous

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



181, 132, 199



211, 122, 166



220, 121, 129

Triad

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



211, 122, 166



79, 155, 83



0, 91, 203

Complementary

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



211, 122, 166



122, 181, 211

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, 85, 172



211, 122, 166



100, 163, 154

Square

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



211, 122, 166



147, 185, 78



53, 120, 168



56, 119, 221

Rectangle

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



211, 122, 166



215, 130, 107



53, 120, 168



0, 90, 194

Sweetspot

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



211, 122, 166



255, 222, 238



167, 122, 211



128, 107, 117



0, 0, 0



128, 128, 128

Same Dimension

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



211, 122, 166



255, 125, 189



211, 122, 122



105, 94, 99



168, 0, 83



41, 0, 20

Inverse Universe

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



211, 122, 166



255, 125, 189



122, 167, 211



105, 94, 99



168, 0, 83



41, 0, 20

Previews

White Background



This preview shows how the RYB color 211, 122, 166 looks on a white background.

Color Contrast Check

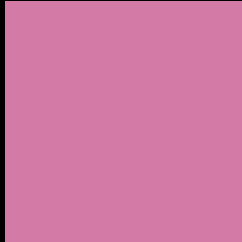
Large Text (above 18pt) WCAG AA × Fail

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 211, 122, 166 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 211, 122, 166 Background



This preview shows how black text looks on a background with the RYB color 211, 122, 166.

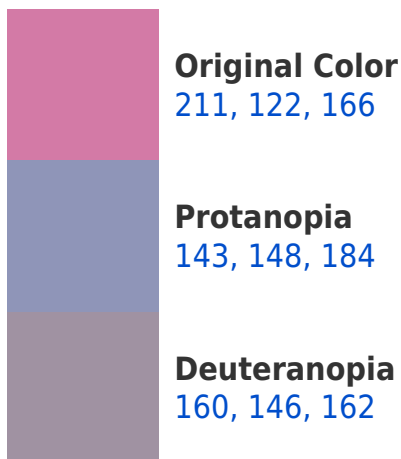


This preview shows how white text looks on a background with the RYB color 211, 122, 166.

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
208, 127, 137

Trichromacy



Original Color

211, 122, 166



Protanomaly

168, 139, 177



Deuteranomaly

179, 137, 163



Tritanomaly

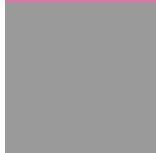
209, 125, 148

Monochromacy



Original Color

211, 122, 166



Achromatopsia

154, 154, 154



Achromatomaly

175, 142, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 122, 166 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(211, 122, 166)` looks like.

```
.text, #text, p{  
    color:rgb(211, 122, 166)  
}
```

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(211, 122, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 122, 166) }
```

Border

The CSS property to change the border of an element to RYB 211, 122, 166 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(211, 122, 166) }
```

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

```
.border{ border-color:rgb(211, 122, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 122, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 122, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 122, 166);  
box-shadow:4px 4px 4px 4px rgb(211, 122,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 211, 122, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 122, 166) }
```

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

```
.background{ background-color: rgb(211,  
122, 166) }
```

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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