

Converting Colors

`RYB(211, 98, 196)`

Have a look what the booklet for RYB(211, 98, 196) contains.

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Color

$\text{RYB}(211, 98, 196)$

Conversions

Conversions Part 1

Format	Color
Hex	D362C4
RGB	211, 98, 196
RGB Percent	83%, 38%, 77%
CMY	0.1725, 0.6157, 0.2314
CMYK	0.00, 0.54, 0.07, 0.17
HSL	308°, 56%, 61%
HSV	308°, 54%, 83%
XYZ	41.1955, 26.5698, 55.1818
YIQ	142.9590, 35.8900, 54.4340

Conversions

Conversions Part 2

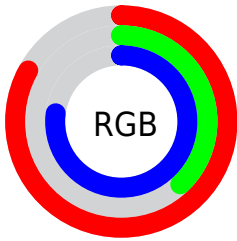
Format	Color
R _Y B	211, 98, 196
Decimal	13853380
CIE Lab	58.57, 56.95, -30.88
CIE LCh	59, 64.785, 331.532
Yxy	26.5698, 0.3351, 0.2161
Android (android.graphics.Color)	4292043460 (0xFFD362C4)
YUV	142.9590, 26.1492, 59.6720
Hunter-Lab	51.5459, 52.4519, -27.3901

Details

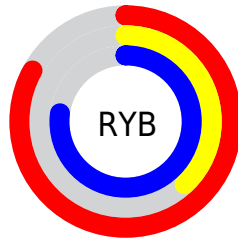
The RYB color **211, 98, 196** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **98, 198, 211**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 153, 253**, and **154, 41, 142** is the 20% darker color. If you saturate the color by 10%, you get **211, 77, 193**, and if you desaturate by 10%, it is **211, 119, 199**.

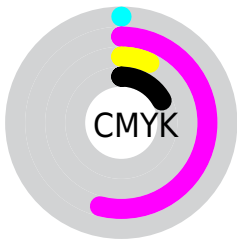
Distribution



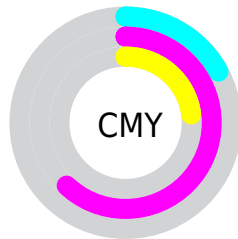
- Red (83%)
- Green (38%)
- Blue (77%)



- Red (83%)
- Yellow (38%)
- Blue (77%)



- Cyan (0%)
- Magenta (54%)
- Yellow (7%)
- Black (17%)

















- Cyan (17%)
- Magenta (62%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 98, 196 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, 98, 196 by changing the saturation by 10% instead.

 211, 98, 196	 211, 98, 196
255, 255, 255	 182, 71, 169
 255, 153, 253	 154, 41, 142
 255, 181, 255	 126, 0, 116
 255, 210, 255	 99, 0, 91
 255, 239, 255	 72, 0, 67
	 49, 0, 45
	 7, 0, 23
	 0, 0, 0

 211, 98, 196  211, 98, 196

■ 211, 77, 193

■ 211, 119, 199

■ 211, 56, 190

■ 211, 140, 202

■ 211, 35, 188

■ 211, 161, 204

■ 211, 14, 185

■ 211, 182, 207

■ 211, 0, 183

■ 211, 203, 210

■ 211, 223, 225

■ 211, 242, 246

■ 211, 249, 255

■ 211, 247, 255

Harmonies

Analogous

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



143, 124, 238



211, 98, 196



240, 83, 140

Triad

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



211, 98, 196



32, 166, 0



0, 91, 199

Complementary

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



211, 98, 196



98, 198, 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, 90, 167



211, 98, 196



30, 154, 76

Square

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



211, 98, 196



210, 189, 35



0, 108, 163



0, 96, 240

Rectangle

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



211, 98, 196



242, 87, 103



0, 108, 163



0, 87, 181

Sweetspot

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



211, 98, 196



255, 214, 250



111, 98, 211



128, 103, 124



0, 0, 0



128, 128, 128

Same Dimension

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



211, 98, 196



255, 92, 233



211, 98, 141



105, 94, 103



168, 0, 146



41, 0, 35

Inverse Universe

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



211, 98, 196



255, 92, 233



98, 168, 211



105, 94, 103



168, 0, 146



41, 0, 35

Previews

White Background



This preview shows how the RYB color 211, 98, 196 looks on a white background.

Color Contrast Check

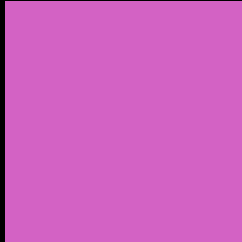
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

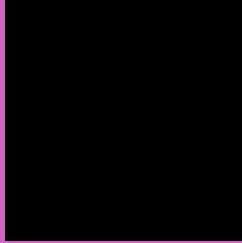
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 211, 98, 196 Background



This preview shows how black text looks on a background with the RYB color 211, 98, 196.

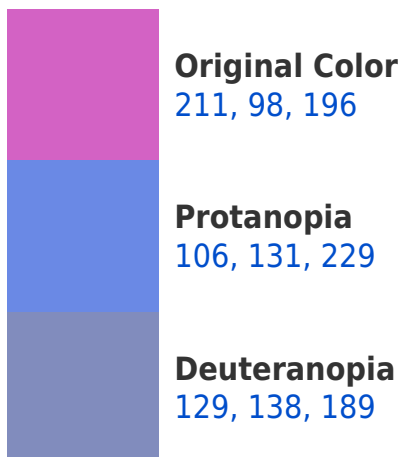



This preview shows how white text looks on a background with the RYB color 211, 98, 196.

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
203, 115, 124

Trichromacy



Original Color

211, 98, 196



Protanomaly

144, 123, 217



Deuteranomaly

159, 124, 192



Tritanomaly

206, 109, 150

Monochromacy



Original Color

211, 98, 196



Achromatopsia

143, 143, 143



Achromatomaly

168, 127, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 98, 196 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, 98, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 98, 196)  
}
```

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, 98, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 98, 196) }
```

Border

The CSS property to change the border of an element to RYB 211, 98, 196 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, 98, 196) }
```

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

```
.border{ border-color:rgb(211, 98, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 98, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 98, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 98, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 98,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 211, 98, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 98, 196) }
```

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

```
.background{ background-color: rgb(211, 98,  
196) }
```

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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