

Converting Colors

`RYB(209, 130, 163)`

Have a look what the booklet for
RYB(209, 130, 163) contains.

RYB(209, 130, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(209, 130, 163)`

Conversions

Conversions Part 1

Format	Color
Hex	D182A3
RGB	209, 130, 163
RGB Percent	82%, 51%, 64%
CMY	0.1804, 0.4902, 0.3608
CMYK	0.00, 0.38, 0.22, 0.18
HSL	335°, 46%, 66%
HSV	335°, 38%, 82%
XYZ	40.8880, 32.1649, 38.7037
YIQ	157.3830, 36.4910, 27.0110

Conversions

Conversions Part 2

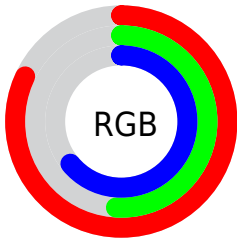
Format	Color
R _Y B	209, 130, 163
Decimal	13730467
CIE Lab	63.48, 34.87, -4.64
CIE LCh	63, 35.173, 352.415
Yxy	32.1649, 0.3659, 0.2878
Android (android.graphics.Color)	4291920547 (0xFFD182A3)
YUV	157.3830, 2.7692, 45.2681
Hunter-Lab	56.7141, 29.4397, -0.7617

Details

The RYB color **209, 130, 163** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **130, 180, 209**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 184, 218**, and **153, 79, 111** is the 20% darker color. If you saturate the color by 10%, you get **209, 109, 151**, and if you desaturate by 10%, it is **209, 151, 175**.

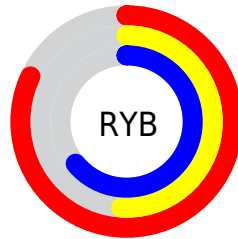
Distribution



Red (82%)

Green (51%)

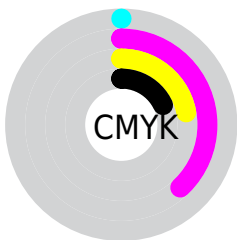
Blue (64%)



Red (82%)

Yellow (51%)

Blue (64%)

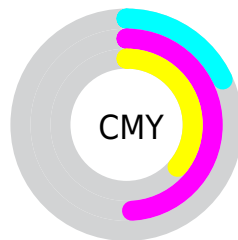


Cyan (0%)

Magenta (38%)

Yellow (22%)

Black (18%)



Cyan (18%)

Magenta (49%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RYB color 209, 130, 163 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 209, 130, 163 by changing the saturation by 10% instead.

 209, 130, 163


255, 255, 255

 255, 184, 218

 255, 212, 246

 255, 241, 255

 209, 130, 163

 181, 104, 137

 153, 79, 111

 126, 54, 87

 99, 29, 64

 74, 2, 42

 50, 0, 22

 16, 0, 0

 0, 0, 0

 209, 130, 163

 209, 130, 163

 209, 109, 151

 209, 151, 175

 209, 88, 139

 209, 172, 187

 209, 67, 126

 209, 193, 200

 209, 46, 114

 209, 212, 214

 209, 26, 102

 209, 225, 235

 209, 5, 90

 209, 238, 255

 209, 0, 87

 209, 234, 255

 209, 232, 255

Harmonies

Analogous

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



186, 137, 192



209, 130, 163



215, 131, 131

Triad

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



209, 130, 163



95, 159, 104



36, 109, 202

Complementary

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



209, 130, 163



130, 180, 209

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.



24, 98, 176



209, 130, 163



114, 166, 166

Square

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



209, 130, 163



141, 181, 91



73, 129, 170



94, 136, 215

Rectangle

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



209, 130, 163



209, 142, 113



73, 129, 170



17, 99, 195

Sweetspot

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



209, 130, 163



255, 227, 239



175, 130, 209



128, 111, 118



0, 0, 0



128, 128, 128

Same Dimension

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



209, 130, 163



255, 140, 188



209, 135, 130



105, 94, 98



168, 0, 70



41, 0, 17

Inverse Universe

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



209, 130, 163



255, 140, 188



130, 168, 209



105, 94, 98



168, 0, 70



41, 0, 17

Previews

White Background



This preview shows how the RYB color 209, 130, 163 looks on a white background.

Color Contrast Check

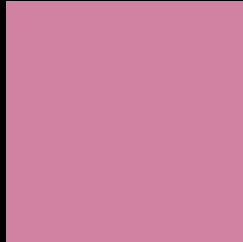
Large Text (above 18pt) WCAG AA × Fail

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 209, 130, 163 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 209, 130, 163 Background



This preview shows how black text looks on a background with the RYB color 209, 130, 163.



This preview shows how white text looks on a background with the RYB color 209, 130, 163.

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



Original Color
209, 130, 163

Protanopia
150, 153, 177

Deuteranopia
167, 149, 160



Tritanopia
207, 133, 144

Trichromacy



Original Color
209, 130, 163

Protanomaly
171, 145, 172

Deuteranomaly
182, 142, 161

Tritanomaly
208, 132, 151

Monochromacy



Original Color
209, 130, 163

Achromatopsia
157, 157, 157

Achromatomaly
176, 147, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 130, 163 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(209, 130, 163) looks like.

```
.text, #text, p{  
    color:rgb(209, 130, 163)  
}
```

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(209, 130, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 130, 163) }
```

Border

The CSS property to change the border of an element to RYB 209, 130, 163 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(209, 130, 163) }
```

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

```
.border{ border-color:rgb(209, 130, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 130, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 130, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 130, 163);  
box-shadow:4px 4px 4px 4px rgb(209, 130,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 209, 130, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 130, 163) }
```

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

```
.background{ background-color: rgb(209,  
130, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor