

Converting Colors

`RYB(209, 82, 190)`

Have a look what the booklet for RYB(209, 82, 190) contains.

RYB(209, 82, 190)	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

R_YB(209, 82, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D152BE
RGB	209, 82, 190
RGB Percent	82%, 32%, 75%
CMY	0.1804, 0.6784, 0.2549
CMYK	0.00, 0.61, 0.09, 0.18
HSL	309°, 58%, 57%
HSV	309°, 61%, 82%
XYZ	38.6061, 23.3076, 51.1793
YIQ	132.2850, 41.0240, 60.5120

Conversions

Conversions Part 2

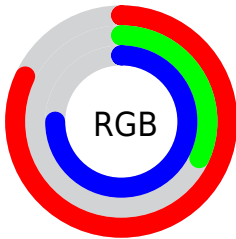
Format	Color
R_{YB}	209, 82, 190
Decimal	13718206
CIE _{Lab}	55.39, 62.58, -32.42
CIE _{LCh}	55, 70.484, 332.614
Yxy	23.3076, 0.3414, 0.2061
Android (android.graphics.Color)	4291908286 (0xFFD152BE)
YUV	132.2850, 28.4535, 67.2791
Hunter-Lab	48.2779, 58.2533, -29.0585

Details

The RYB color **209, 82, 190** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **82, 192, 209**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 138, 247**, and **151, 13, 136** is the 20% darker color. If you saturate the color by 10%, you get **209, 61, 187**, and if you desaturate by 10%, it is **209, 103, 193**.

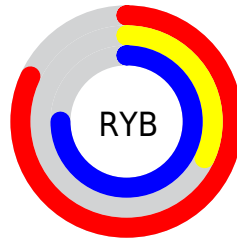
Distribution



Red (82%)

Green (32%)

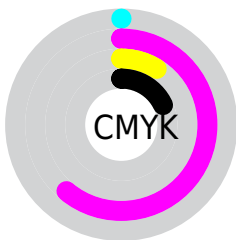
Blue (75%)



Red (82%)

Yellow (32%)

Blue (75%)

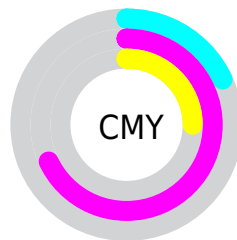


Cyan (0%)

Magenta (61%)

Yellow (9%)

Black (18%)



Cyan (18%)

Magenta (68%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 82, 190 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, 82, 190 by changing the saturation by 10% instead.


 209, 82, 190

 209, 82, 190

255, 255, 255

 180, 52, 163

 255, 138, 247

 151, 13, 136

 255, 167, 255

 123, 0, 111

 255, 195, 255

 96, 0, 86

 255, 224, 255

 69, 0, 62

255, 254, 255

 44, 0, 40

 0, 1, 16

 0, 0, 0

 209, 82, 190

 209, 82, 190

209, 61, 187

209, 103, 193

209, 40, 184

209, 124, 196

209, 19, 181

209, 145, 199

209, 0, 178

209, 166, 203

209, 187, 206

209, 207, 209

209, 225, 228

209, 244, 249

209, 247, 255

Harmonies

Analogous

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



136, 114, 237



209, 82, 190



238, 62, 130

Triad

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



209, 82, 190



27, 155, 0



0, 88, 197

Complementary

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



209, 82, 190



82, 192, 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.



0, 86, 160



209, 82, 190



0, 148, 56

Square

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



209, 82, 190



184, 203, 3



0, 106, 156



0, 94, 241

Rectangle

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



209, 82, 190



238, 70, 90



0, 106, 156



0, 84, 178

Sweetspot

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



209, 82, 190



255, 209, 248



99, 82, 209



128, 99, 123



0, 0, 0



128, 128, 128

Same Dimension

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



209, 82, 190



255, 69, 227



209, 82, 129



105, 94, 103



168, 0, 143



41, 0, 35

Inverse Universe

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



209, 82, 190



255, 69, 227



82, 160, 209



105, 94, 103



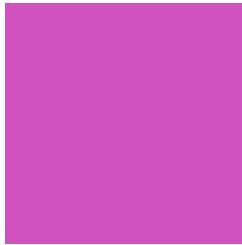
168, 0, 143



41, 0, 35

Previews

White Background



This preview shows how the RYB color 209, 82, 190 looks on a white background.

Color Contrast Check

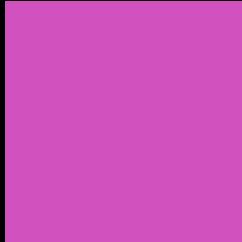
Large Text (above 18pt) WCAG AA ✓ Pass

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 209, 82, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

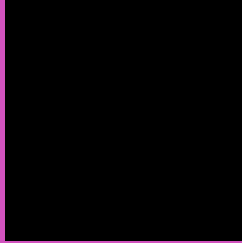
Any Text WCAG AA ✓ Pass

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 209, 82, 190 Background



This preview shows how black text looks on a background with the RYB color 209, 82, 190.

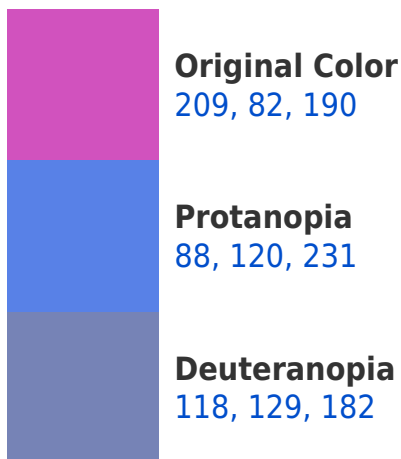



This preview shows how white text looks on a background with the RYB color 209, 82, 190.

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
201, 103, 111

Trichromacy



Original Color

209, 82, 190



Protanomaly

132, 113, 216



Deuteranomaly

151, 113, 185



Tritanomaly

204, 95, 140

Monochromacy



Original Color

209, 82, 190



Achromatopsia

132, 132, 132



Achromatomaly

160, 114, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 82, 190 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, 82, 190)` looks like.

```
.text, #text, p{  
    color:rgb(209, 82, 190)  
}
```

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, 82, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 82, 190) }
```

Border

The CSS property to change the border of an element to RYB 209, 82, 190 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, 82, 190) }
```

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

```
.border{ border-color:rgb(209, 82, 190) }
```

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

Here you see how a box with a 4 pixel rgb(209, 82, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 82, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 82, 190);  
box-shadow:4px 4px 4px 4px rgb(209, 82,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 209, 82, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 82, 190) }
```

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

```
.background{ background-color: rgb(209, 82,  
190) }
```

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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