

Converting Colors

`RYB(210, 82, 175)`

Have a look what the booklet for
RYB(210, 82, 175) contains.

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Color

`RYB(210, 82, 175)`

Conversions

Conversions Part 1

Format	Color
Hex	D252AF
RGB	210, 82, 175
RGB Percent	82%, 32%, 69%
CMY	0.1765, 0.6784, 0.3137
CMYK	0.00, 0.61, 0.17, 0.18
HSL	316°, 59%, 57%
HSV	316°, 61%, 82%
XYZ	37.3335, 22.8314, 42.9966
YIQ	130.8740, 46.4350, 56.0590

Conversions

Conversions Part 2

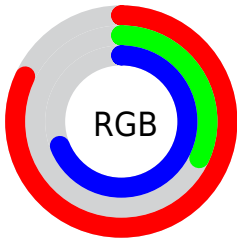
Format	Color
R_{YB}	210, 82, 175
Decimal	13783727
CIE _{Lab}	54.90, 60.58, -24.49
CIE _{LCh}	55, 65.344, 337.987
Yxy	22.8314, 0.3619, 0.2213
Android (android.graphics.Color)	4291973807 (0xFFD252AF)
YUV	130.8740, 21.7541, 69.3935
Hunter-Lab	47.7822, 55.8480, -19.9044

Details

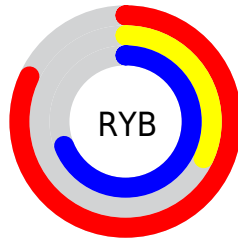
The RYB color **210, 82, 175** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **82, 183, 210**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **255, 138, 231**, and **152, 15, 122** is the 20% darker color. If you saturate the color by 10%, you get **210, 61, 169**, and if you desaturate by 10%, it is **210, 103, 181**.

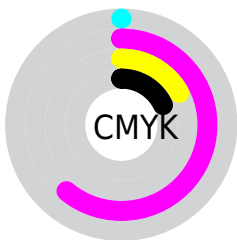
Distribution



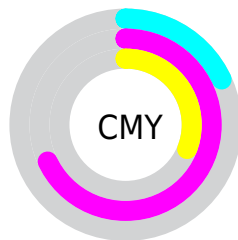
- Red (82%)
- Green (32%)
- Blue (69%)



- Red (82%)
- Yellow (32%)
- Blue (69%)



- Cyan (0%)
- Magenta (61%)
- Yellow (17%)
- Black (18%)



- Cyan (18%)
- Magenta (68%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 82, 175 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 210, 82, 175 by changing the saturation by 10% instead.



210, 82, 175



210, 82, 175

255, 255, 255



181, 53, 148



255, 138, 231



152, 15, 122



255, 166, 255



124, 0, 97



255, 195, 255



97, 0, 73



255, 224, 255



70, 0, 50

255, 254, 255



44, 0, 29



0, 0, 0



210, 82, 175



210, 82, 175




210, 61, 169





210, 103, 181


 210, 40, 164


 210, 124, 186

 210, 19, 158

 210, 145, 192

 210, 0, 153

 210, 166, 198

 210, 187, 204

 210, 208, 209

 210, 225, 229

 210, 241, 250

 210, 243, 255

Harmonies

Analogous

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



152, 109, 221



210, 82, 175



231, 71, 119

Triad

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



210, 82, 175



11, 144, 0



0, 88, 200

Complementary

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



210, 82, 175



82, 183, 210

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, 82, 157



210, 82, 175



29, 147, 93

Square

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



210, 82, 175



144, 191, 8



0, 99, 154



0, 91, 236

Rectangle

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



210, 82, 175



228, 80, 82



0, 99, 154



0, 85, 183

Sweetspot

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



210, 82, 175



255, 209, 242



116, 82, 210



128, 99, 120



0, 0, 0



128, 128, 128

Same Dimension

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



210, 82, 175



255, 69, 204



210, 82, 112



105, 94, 102



168, 0, 122



41, 0, 30

Inverse Universe

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



210, 82, 175



255, 69, 204



82, 154, 210



105, 94, 102



168, 0, 122



41, 0, 30

Previews

White Background



This preview shows how the RYB color 210, 82, 175 looks on a white background.

Color Contrast Check

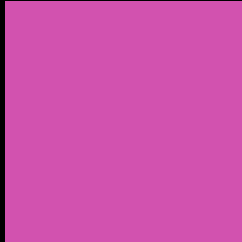
Large Text (above 18pt) WCAG AA ✓ Pass

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 210, 82, 175 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 210, 82, 175 Background



This preview shows how black text looks on a background with the RYB color 210, 82, 175.

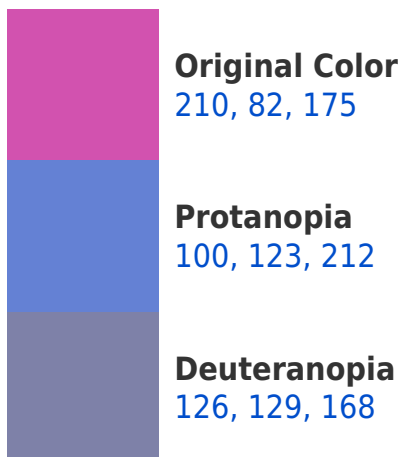


This preview shows how white text looks on a background with the RYB color 210, 82, 175.

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, 99, 106

Trichromacy



Original Color

210, 82, 175



Protanomaly

140, 112, 199



Deuteranomaly

157, 112, 171



Tritanomaly

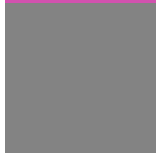
206, 93, 131

Monochromacy



Original Color

210, 82, 175



Achromatopsia

131, 131, 131



Achromatomaly

160, 113, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 82, 175 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(210, 82, 175) looks like.

```
.text, #text, p{  
    color:rgb(210, 82, 175)  
}
```

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(210, 82, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 82, 175) }
```

Border

The CSS property to change the border of an element to RYB 210, 82, 175 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(210, 82, 175) }
```

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

```
.border{ border-color:rgb(210, 82, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 82, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 82, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 82, 175);  
box-shadow:4px 4px 4px 4px rgb(210, 82,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 210, 82, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 82, 175) }
```

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

```
.background{ background-color: rgb(210, 82,  
175) }
```

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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