

Converting Colors

`RYB(210, 142, 188)`

Have a look what the booklet for RYB(210, 142, 188) contains.

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Color

R_YB(210, 142, 188)

Conversions

Conversions Part 1

Format	Color
Hex	D28EBC
RGB	210, 142, 188
RGB Percent	82%, 56%, 74%
CMY	0.1765, 0.4431, 0.2627
CMYK	0.00, 0.32, 0.10, 0.18
HSL	319°, 43%, 69%
HSV	319°, 32%, 82%
XYZ	45.3284, 36.6785, 52.2675
YIQ	167.5760, 25.7620, 28.7220

Conversions

Conversions Part 2

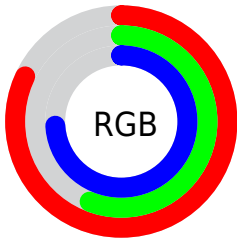
Format	Color
R _Y B	210, 142, 188
Decimal	13799100
CIE Lab	67.04, 32.73, -13.43
CIE LCh	67, 35.383, 337.686
Yxy	36.6785, 0.3376, 0.2732
Android (android.graphics.Color)	4291989180 (0xFFD28EBC)
YUV	167.5760, 10.0690, 37.2058
Hunter-Lab	60.5628, 27.6142, -8.7752

Details

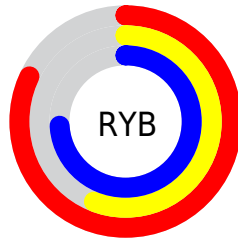
The RYB color **210, 142, 188** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **142, 193, 210**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 196, 244**, and **154, 90, 135** is the 20% darker color. If you saturate the color by 10%, you get **210, 121, 181**, and if you desaturate by 10%, it is **210, 163, 195**.

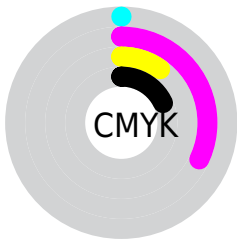
Distribution



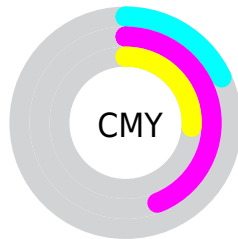
- Red (82%)
- Green (56%)
- Blue (74%)



- Red (82%)
- Yellow (56%)
- Blue (74%)



- Cyan (0%)
- Magenta (32%)
- Yellow (10%)
- Black (18%)




- Cyan (18%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 142, 188 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, 142, 188 by changing the saturation by 10% instead.

 210, 142, 188

255, 255, 255

 255, 196, 244

 255, 225, 255

255, 254, 255

 210, 142, 188

 182, 116, 161

 154, 90, 135

 128, 66, 109

 102, 42, 85

 76, 17, 62

 52, 0, 40

 30, 0, 19

 0, 0, 0

 210, 142, 188

 210, 142, 188

210, 121, 181

210, 163, 195

210, 100, 174

210, 184, 202

210, 79, 168

210, 205, 208

210, 58, 161

210, 222, 226

210, 37, 154

210, 238, 247

210, 16, 147

210, 242, 255

210, 0, 142

210, 239, 255

210, 236, 255

210, 234, 255

Harmonies

Analogous

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



178, 152, 214



210, 142, 188



225, 138, 156

Triad

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



210, 142, 188



113, 176, 99



36, 113, 201

Complementary

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



210, 142, 188



142, 193, 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.



60, 122, 180



210, 142, 188



112, 173, 143

Square

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



210, 142, 188



204, 198, 105



103, 154, 178



77, 135, 221

Rectangle

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



210, 142, 188



225, 141, 135



103, 154, 178



37, 111, 192

Sweetspot

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



210, 142, 188



255, 230, 247



164, 142, 210



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



210, 142, 188



255, 156, 223



210, 142, 154



105, 94, 101



168, 0, 114



41, 0, 28

Inverse Universe

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



210, 142, 188



255, 156, 223



142, 179, 210



105, 94, 101



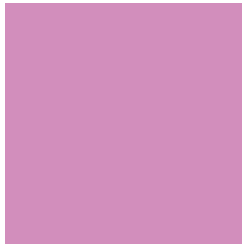
168, 0, 114



41, 0, 28

Previews

White Background



This preview shows how the RYB color 210, 142, 188 looks on a white background.

Color Contrast Check

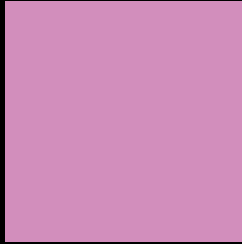
Large Text (above 18pt) WCAG AA × Fail

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 210, 142, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

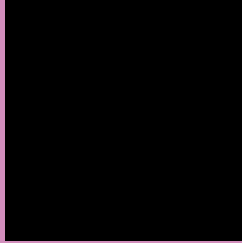
Any Text WCAG AA ✓ Pass

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 210, 142, 188 Background



This preview shows how black text looks on a background with the RYB color 210, 142, 188.



This preview shows how white text looks on a background with the RYB color 210, 142, 188.

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
210, 142, 188

Protanopia
154, 161, 201

Deuteranopia
169, 159, 185



Tritanopia
206, 147, 159

Trichromacy



Original Color

210, 142, 188



Protanomaly

174, 155, 196



Deuteranomaly

184, 153, 186



Tritanomaly

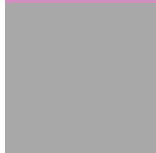
207, 145, 170

Monochromacy



Original Color

210, 142, 188



Achromatopsia

168, 168, 168



Achromatomaly

183, 159, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 142, 188 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, 142, 188) looks like.

```
.text, #text, p{  
    color:rgb(210, 142, 188)  
}
```

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, 142, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 142, 188) }
```

Border

The CSS property to change the border of an element to RYB 210, 142, 188 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, 142, 188) }
```

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

```
.border{ border-color:rgb(210, 142, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 142, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 142, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 142, 188); box-shadow:4px 4px 4px 4px rgb(210, 142, 188) }
```

Background

The CSS property to change the background color of an element to RGB 210, 142, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 142, 188) }
```

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

```
.background{ background-color: rgb(210,  
142, 188) }
```

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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