

Converting Colors

`RYB(192, 132, 163)`

Have a look what the booklet for
RYB(192, 132, 163) contains.

RYB(192, 132, 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

R_YB(192, 132, 163)

Conversions

Conversions Part 1

Format	Color
Hex	C084A3
RGB	192, 132, 163
RGB Percent	75%, 52%, 64%
CMY	0.2471, 0.4824, 0.3608
CMYK	0.00, 0.31, 0.15, 0.25
HSL	329°, 32%, 64%
HSV	329°, 31%, 75%
XYZ	36.6004, 30.3533, 38.5801
YIQ	153.4740, 25.8090, 22.3610

Conversions

Conversions Part 2

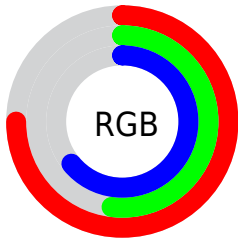
Format	Color
RYB	192, 132, 163
Decimal	12616867
CIELab	61.96, 27.74, -7.11
CIElCh	62, 28.636, 345.615
Yxy	30.3533, 0.3468, 0.2876
Android (android.graphics.Color)	4290806947 (0xFFC084A3)
YUV	153.4740, 4.6963, 33.7873
Hunter-Lab	55.0939, 22.1681, -2.9527

Details

The RYB color **192, 132, 163** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 172, 192**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **249, 186, 218**, and **137, 82, 111** is the 20% darker color. If you saturate the color by 10%, you get **192, 113, 154**, and if you desaturate by 10%, it is **192, 151, 172**.

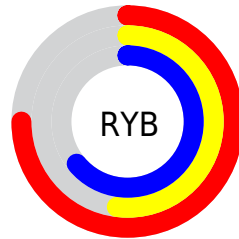
Distribution



Red (75%)

Green (52%)

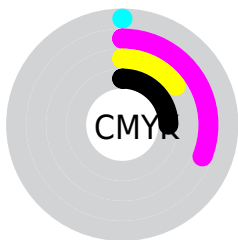
Blue (64%)



Red (75%)

Yellow (52%)

Blue (64%)

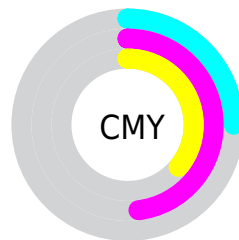


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 132, 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 192, 132, 163 by changing the saturation by 10% instead.

 192, 132, 163


255, 255, 255

 249, 186, 218


 255, 214, 246

 255, 242, 255


 192, 132, 163

 164, 106, 137

 137, 82, 111

 111, 58, 87

 86, 34, 64


 61, 11, 42

 40, 0, 22

 0, 0, 0

 192, 132, 163

 192, 113, 154

 192, 132, 163

 192, 151, 172

192, 94, 144

192, 170, 182

192, 74, 135

192, 190, 191

192, 55, 126

192, 204, 209

192, 36, 117

192, 216, 228

192, 17, 107

192, 229, 247

192, 0, 99

192, 232, 255

192, 229, 255

192, 226, 255

Harmonies

Analogous

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



170, 139, 185



192, 132, 163



200, 131, 137

Triad

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



192, 132, 163



102, 154, 100



69, 120, 185

Complementary

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



192, 132, 163



132, 172, 192

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.



70, 118, 164



192, 132, 163



113, 159, 147

Square

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



192, 132, 163



162, 178, 101



95, 137, 163



98, 135, 198

Rectangle

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



192, 132, 163



198, 137, 121



95, 137, 163



65, 117, 178

Sweetspot

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



192, 132, 163



250, 227, 239



161, 132, 192



125, 111, 118



252, 252, 252



125, 125, 125

Same Dimension

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



192, 132, 163



250, 155, 204



192, 132, 133



97, 87, 92



161, 0, 83



33, 0, 17

Inverse Universe

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



192, 132, 163



250, 155, 204



132, 162, 192



97, 87, 92



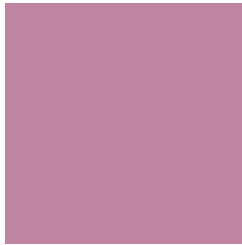
161, 0, 83



33, 0, 17

Previews

White Background



This preview shows how the RYB color 192, 132, 163 looks on a white background.

Color Contrast Check

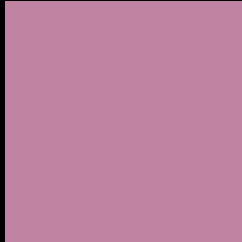
Large Text (above 18pt) WCAG AA × Fail

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 192, 132, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

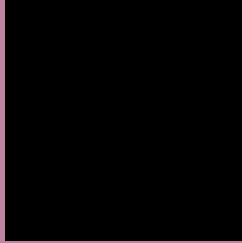
Any Text WCAG AA ✓ Pass

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 192, 132, 163 Background



This preview shows how black text looks on a background with the RYB color 192, 132, 163.

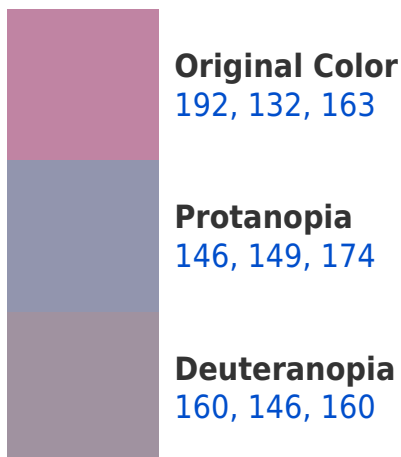


This preview shows how white text looks on a background with the RYB color 192, 132, 163.

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





Tritanopia
190, 135, 145

Trichromacy



Original Color
192, 132, 163

Protanomaly
163, 143, 170

Deuteranomaly
172, 141, 161

Tritanomaly
191, 134, 152

Monochromacy



Original Color
192, 132, 163

Achromatopsia
153, 153, 153

Achromatomaly
167, 145, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 132, 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(192, 132, 163)` looks like.

```
.text, #text, p{  
    color:rgb(192, 132, 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(192, 132, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 132, 163) }
```

Border

The CSS property to change the border of an element to RYB 192, 132, 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(192, 132, 163) }
```

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

```
.border{ border-color:rgb(192, 132, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 132, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 132, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 132, 163);  
box-shadow:4px 4px 4px 4px rgb(192, 132,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 192, 132, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 132, 163) }
```

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

```
.background{ background-color: rgb(192,  
132, 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