

Converting Colors

`RYB(192, 83, 157)`

Have a look what the booklet for
RYB(192, 83, 157) contains.

RYB(192, 83, 157)	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, 83, 157)

Conversions

Conversions Part 1

Format	Color
Hex	C0539D
RGB	192, 83, 157
RGB Percent	75%, 33%, 62%
CMY	0.2471, 0.6745, 0.3843
CMYK	0.00, 0.57, 0.18, 0.25
HSL	319°, 46%, 54%
HSV	319°, 57%, 75%
XYZ	30.9173, 19.8273, 34.0958
YIQ	124.0270, 41.2100, 46.1220

Conversions

Conversions Part 2

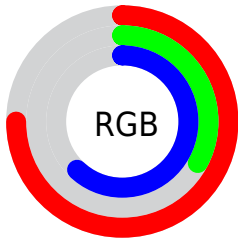
Format	Color
R_{YB}	192, 83, 157
Decimal	12604317
CIE _{Lab}	51.64, 52.31, -19.19
CIE _{LCh}	52, 55.719, 339.854
Yxy	19.8273, 0.3644, 0.2337
Android (android.graphics.Color)	4290794397 (0xFFC0539D)
YUV	124.0270, 16.2557, 59.6123
Hunter-Lab	44.5279, 46.0152, -14.2300

Details

The RYB color **192, 83, 157** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **83, 166, 192**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **251, 137, 212**, and **136, 25, 106** is the 20% darker color. If you saturate the color by 10%, you get **192, 64, 151**, and if you desaturate by 10%, it is **192, 102, 163**.

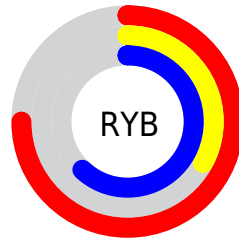
Distribution



Red (75%)

Green (33%)

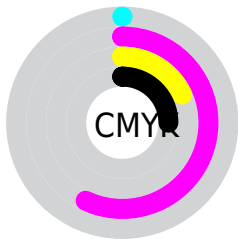
Blue (62%)



Red (75%)

Yellow (33%)

Blue (62%)

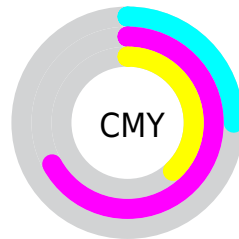


Cyan (0%)

Magenta (57%)

Yellow (18%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the RYB color 192, 83, 157 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, 83, 157 by changing the saturation by 10% instead.

 192, 83, 157

255, 255, 255

 251, 137, 212

 255, 165, 240

 255, 193, 255

 255, 222, 255


 255, 251, 255

 192, 83, 157

 163, 56, 131

 136, 25, 106

 108, 0, 81

 81, 0, 58

 57, 0, 37


 27, 0, 12

 0, 0, 0


 192, 83, 157


 192, 64, 151


 192, 83, 157

 192, 102, 163


 192, 45, 145

 192, 121, 169


 192, 25, 139


 192, 141, 175

 192, 6, 132

 192, 160, 182

 192, 0, 130

 192, 179, 188

 192, 197, 198

 192, 211, 217

 192, 226, 237

 192, 240, 255

Harmonies

Analogous

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



145, 103, 197



192, 83, 157



209, 76, 109

Triad

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



192, 83, 157



16, 132, 10



0, 81, 183

Complementary

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



192, 83, 157



83, 166, 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.



0, 75, 146



192, 83, 157



43, 137, 100

Square

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



192, 83, 157



139, 173, 26



0, 89, 143



0, 83, 212

Rectangle

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



192, 83, 157



206, 83, 79



0, 89, 143



0, 78, 169

Sweetspot

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



192, 83, 157



250, 207, 236



118, 83, 192



125, 100, 117



252, 252, 252



125, 125, 125

Same Dimension

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



192, 83, 157



250, 80, 195



192, 83, 103



97, 87, 94



161, 0, 109



33, 0, 23

Inverse Universe

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



192, 83, 157



250, 80, 195



83, 143, 192



97, 87, 94



161, 0, 109



33, 0, 23

Previews

White Background



This preview shows how the RYB color 192, 83, 157 looks on a white background.

Color Contrast Check

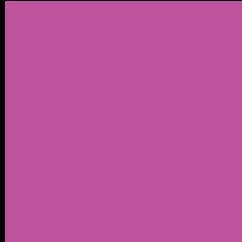
Large Text (above 18pt) WCAG AA ✓ Pass

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 192, 83, 157 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 192, 83, 157 Background



This preview shows how black text looks on a background with the RYB color 192, 83, 157.

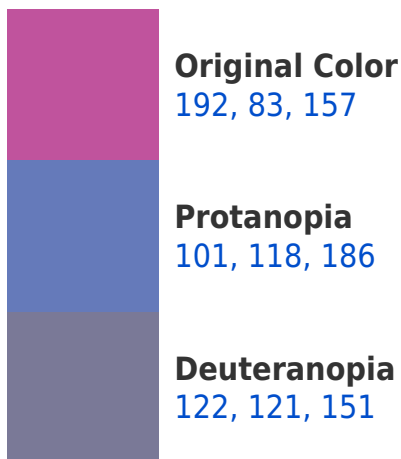


This preview shows how white text looks on a background with the RYB color 192, 83, 157.

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
187, 96, 103

Trichromacy



Original Color

192, 83, 157



Protanomaly

134, 108, 175



Deuteranomaly

147, 107, 153



Tritanomaly

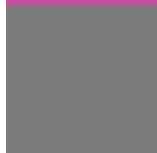
189, 91, 123

Monochromacy



Original Color

192, 83, 157



Achromatopsia

124, 124, 124



Achromatomaly

149, 109, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 83, 157 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, 83, 157)` looks like.

```
.text, #text, p{  
    color:rgb(192, 83, 157)  
}
```

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, 83, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 83, 157) }
```

Border

The CSS property to change the border of an element to RYB 192, 83, 157 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, 83, 157) }
```

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

```
.border{ border-color:rgb(192, 83, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 83, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 83, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 83, 157);  
box-shadow:4px 4px 4px 4px rgb(192, 83,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 192, 83, 157 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 83, 157) }
```

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

```
.background{ background-color: rgb(192, 83,  
157) }
```

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