

Converting Colors

`RYB(183, 99, 198)`

Have a look what the booklet for
RYB(183, 99, 198) contains.

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Color

R_YB(183, 99, 198)

Conversions

Conversions Part 1

Format	Color
Hex	B763C6
RGB	183, 99, 198
RGB Percent	72%, 39%, 78%
CMY	0.2824, 0.6118, 0.2235
CMYK	0.08, 0.50, 0.00, 0.22
HSL	291°, 46%, 58%
HSV	291°, 50%, 78%
XYZ	34.1833, 23.0682, 56.0770
YIQ	135.4020, 18.2850, 48.5970

Conversions

Conversions Part 2

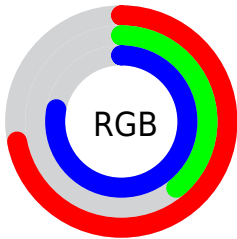
Format	Color
R_{YB}	183, 99, 198
Decimal	12018630
CIE _{Lab}	55.14, 48.92, -37.65
CIE _{LCh}	55, 61.737, 322.416
Yxy	23.0682, 0.3016, 0.2036
Android (android.graphics.Color)	4290208710 (0xFFB763C6)
YUV	135.4020, 30.8608, 41.7434
Hunter-Lab	48.0293, 42.9902, -35.6040

Details

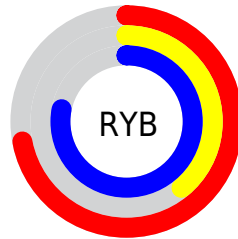
The RYB color **183, 99, 198** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **99, 198, 183**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **241, 153, 255**, and **128, 47, 144** is the 20% darker color. If you saturate the color by 10%, you get **180, 79, 198**, and if you desaturate by 10%, it is **186, 119, 198**.

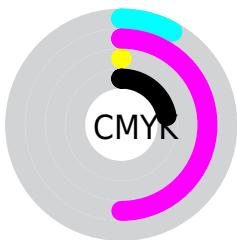
Distribution



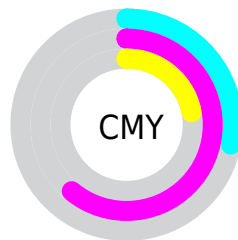
- Red (72%)
- Green (39%)
- Blue (78%)



- Red (72%)
- Yellow (39%)
- Blue (78%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (61%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 99, 198 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 183, 99, 198 by changing the saturation by 10% instead.



183, 99, 198



183, 99, 198

255, 255, 255



155, 73, 170



241, 153, 255



128, 47, 144



255, 180, 255



101, 17, 118



255, 208, 255



75, 0, 93



255, 237, 255



50, 0, 68



25, 0, 46



0, 1, 24




0, 0, 0



183, 99, 198



183, 99, 198


 180, 79, 198


 186, 119, 198

 177, 59, 198

 189, 139, 198


 174, 40, 198

 192, 158, 198

 171, 20, 198

 195, 178, 198

 168, 0, 198

 198, 198, 198

 198, 218, 215

 198, 238, 232

 198, 255, 246

 198, 255, 243

Harmonies

Analogous

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



104, 121, 232



183, 99, 198



221, 79, 148

Triad

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



183, 99, 198



59, 169, 0



0, 82, 171

Complementary

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



183, 99, 198



99, 198, 183

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, 89, 156



183, 99, 198



10, 141, 32

Square

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



183, 99, 198



207, 133, 47



44, 136, 151



0, 90, 216

Rectangle

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



183, 99, 198



228, 78, 112



44, 136, 151



0, 80, 157

Sweetspot

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



183, 99, 198



249, 217, 255



99, 114, 198



124, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 99, 198



232, 102, 255



198, 99, 165



98, 90, 99



138, 0, 163



30, 0, 36

Inverse Universe

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



198, 99, 114



255, 102, 125



99, 173, 198



99, 90, 91



163, 0, 25



36, 0, 5

Previews

White Background



This preview shows how the RYB color 183, 99, 198 looks on a white background.

Color Contrast Check

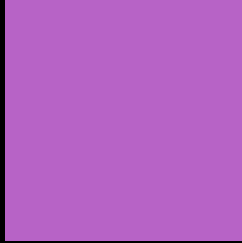
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 99, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

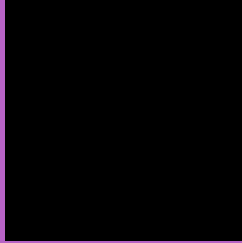
Any Text WCAG AA ✓ Pass

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 183, 99, 198 Background



This preview shows how black text looks on a background with the RYB color 183, 99, 198.

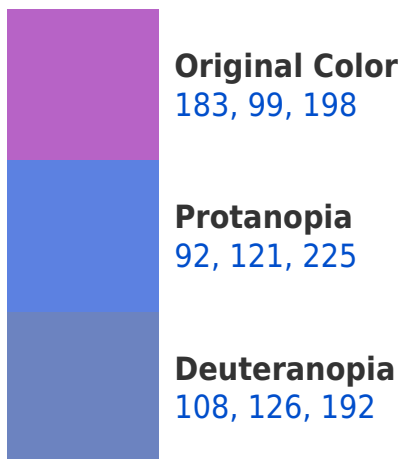


This preview shows how white text looks on a background with the RYB color 183, 99, 198.

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
173, 117, 125

Trichromacy



Original Color

183, 99, 198



Protanomaly

125, 118, 215



Deuteranomaly

135, 119, 194



Tritanomaly

177, 110, 152

Monochromacy



Original Color

183, 99, 198



Achromatopsia

135, 135, 135



Achromatomaly

152, 122, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 99, 198 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(183, 99, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 99, 198)  
}
```

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(183, 99, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 99, 198) }
```

Border

The CSS property to change the border of an element to RYB 183, 99, 198 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(183, 99, 198) }
```

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

```
.border{ border-color:rgb(183, 99, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 99, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 99, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 99, 198);  
box-shadow:4px 4px 4px 4px rgb(183, 99,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 183, 99, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 99, 198) }
```

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

```
.background{ background-color: rgb(183, 99,  
198) }
```

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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