

Converting Colors

`RYB(184, 98, 169)`

Have a look what the booklet for RYB(184, 98, 169) contains.

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Color

R_YB(184, 98, 169)

Conversions

Conversions Part 1

Format	Color
Hex	B862A9
RGB	184, 98, 169
RGB Percent	72%, 38%, 66%
CMY	0.2784, 0.6157, 0.3373
CMYK	0.00, 0.47, 0.08, 0.28
HSL	310°, 38%, 55%
HSV	310°, 47%, 72%
XYZ	31.2963, 21.7903, 40.0926
YIQ	131.8080, 28.4650, 40.3130

Conversions

Conversions Part 2

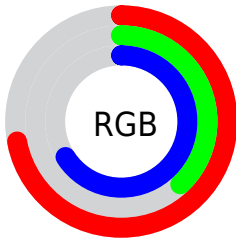
Format	Color
RYB	184, 98, 169
Decimal	12083881
CIELab	53.80, 44.39, -23.00
CIELCh	54, 49.993, 332.610
Yxy	21.7903, 0.3359, 0.2339
Android (android.graphics.Color)	4290273961 (0xFFB862A9)
YUV	131.8080, 18.3357, 45.7724
Hunter-Lab	46.6801, 37.9838, -18.2469

Details

The RYB color **184, 98, 169** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **98, 171, 184**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **242, 151, 224**, and **129, 46, 117** is the 20% darker color. If you saturate the color by 10%, you get **184, 80, 166**, and if you desaturate by 10%, it is **184, 116, 172**.

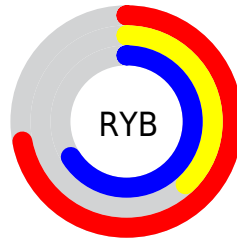
Distribution



Red (72%)

Green (38%)

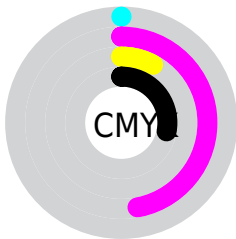
Blue (66%)



Red (72%)

Yellow (38%)

Blue (66%)

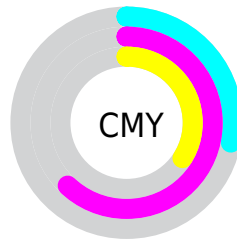


Cyan (0%)

Magenta (47%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (62%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the RYB color 184, 98, 169 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 184, 98, 169 by changing the saturation by 10% instead.

 184, 98, 169

255, 255, 255

 242, 151, 224

 255, 179, 253

 255, 207, 255

 255, 236, 255

 184, 98, 169

 156, 72, 142

 129, 46, 117

 102, 18, 92

 77, 0, 68

 52, 0, 46

 25, 0, 24


 0, 0, 0

 184, 98, 169

 184, 80, 166

 184, 98, 169

 184, 116, 172

 184, 61, 163

 184, 135, 175

 184, 43, 159

 184, 153, 179

 184, 24, 156

 184, 172, 182

 184, 6, 153

 184, 189, 190

 184, 0, 152

 184, 205, 208

 184, 221, 227

 184, 236, 245

 184, 243, 255

Harmonies

Analogous

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



135, 116, 202



184, 98, 169



206, 89, 127

Triad

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



184, 98, 169



59, 148, 35



0, 80, 174

Complementary

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



184, 98, 169



98, 171, 184

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, 79, 149



184, 98, 169



51, 139, 86

Square

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



184, 98, 169



183, 164, 51



37, 113, 147



0, 84, 205

Rectangle

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



184, 98, 169



207, 92, 98



37, 113, 147



0, 77, 160

Sweetspot

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



184, 98, 169



240, 206, 234



112, 98, 184



120, 99, 116



247, 247, 247



120, 120, 120

Same Dimension

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



184, 98, 169



240, 105, 216



184, 98, 127



92, 83, 90



156, 0, 128



28, 0, 23

Inverse Universe

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



184, 98, 169



240, 105, 216



98, 150, 184



92, 83, 90



156, 0, 128



28, 0, 23

Previews

White Background



This preview shows how the RYB color 184, 98, 169 looks on a white background.

Color Contrast Check

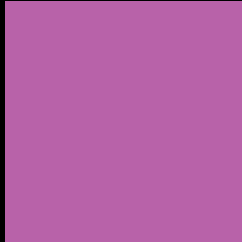
Large Text (above 18pt) WCAG AA ✓ Pass

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 184, 98, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

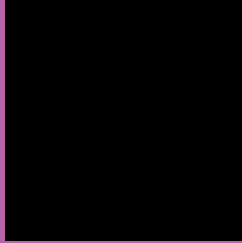
Any Text WCAG AA ✓ Pass

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 184, 98, 169 Background



This preview shows how black text looks on a background with the RYB color 184, 98, 169.

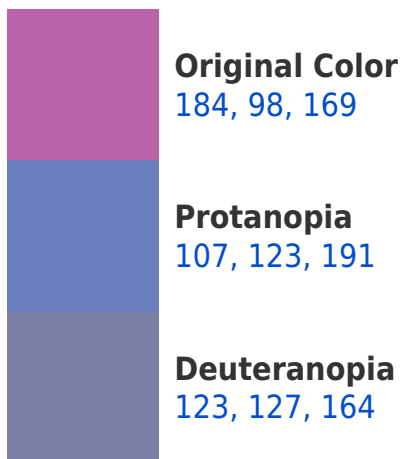



This preview shows how white text looks on a background with the RYB color 184, 98, 169.

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
178, 109, 117

Trichromacy



Original Color

184, 98, 169



Protanomaly

135, 116, 183



Deuteranomaly

145, 116, 166



Tritanomaly

180, 105, 136

Monochromacy



Original Color

184, 98, 169



Achromatopsia

132, 132, 132



Achromatomaly

151, 120, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 98, 169 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(184, 98, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 98, 169)  
}
```

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(184, 98, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 98, 169) }
```

Border

The CSS property to change the border of an element to RYB 184, 98, 169 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(184, 98, 169) }
```

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

```
.border{ border-color:rgb(184, 98, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 98, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 98, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 98, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 98,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 184, 98, 169 is called "background".

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

```
.background, #background, body{  
background: rgb(184, 98, 169) }
```

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

```
.background{ background-color: rgb(184, 98,  
169) }
```

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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