

Converting Colors

`RYB(182, 104, 198)`

Have a look what the booklet for
RYB(182, 104, 198) contains.

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Color

R_YB(182, 104, 198)

Conversions

Conversions Part 1

Format	Color
Hex	B668C6
RGB	182, 104, 198
RGB Percent	71%, 41%, 78%
CMY	0.2863, 0.5922, 0.2235
CMYK	0.08, 0.47, 0.00, 0.22
HSL	290°, 45%, 59%
HSV	290°, 47%, 78%
XYZ	34.4348, 23.9229, 56.2288
YIQ	138.0380, 16.3140, 45.7700

Conversions

Conversions Part 2

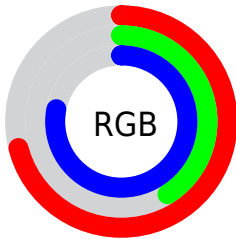
Format	Color
RYB	182, 104, 198
Decimal	11954374
CIELab	56.01, 46.05, -36.30
CIELCh	56, 58.640, 321.752
Yxy	23.9229, 0.3005, 0.2088
Android (android.graphics.Color)	4290144454 (0xFFB668C6)
YUV	138.0380, 29.5613, 38.5547
Hunter-Lab	48.9111, 40.0746, -33.9227

Details

The RYB color **182, 104, 198** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **104, 198, 182**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **240, 157, 255**, and **127, 53, 144** is the 20% darker color. If you saturate the color by 10%, you get **179, 84, 198**, and if you desaturate by 10%, it is **185, 124, 198**.

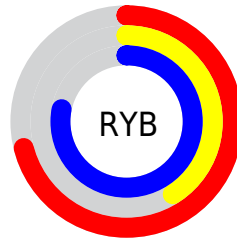
Distribution



Red (71%)

Green (41%)

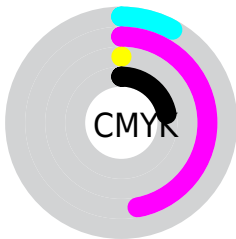
Blue (78%)



Red (71%)

Yellow (41%)

Blue (78%)

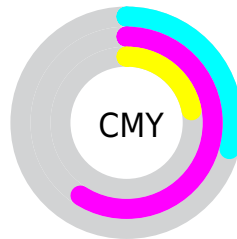


Cyan (8%)

Magenta (47%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (59%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 104, 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 182, 104, 198 by changing the saturation by 10% instead.

 182, 104, 198


255, 255, 255

 240, 157, 255

 255, 185, 255

 255, 213, 255

 255, 242, 255

 182, 104, 198

 154, 78, 170

 127, 53, 144

 100, 26, 118

 74, 0, 93


 49, 0, 69

 26, 0, 46

 0, 1, 24

 0, 0, 0

 182, 104, 198

 182, 104, 198


 179, 84, 198

 185, 124, 198

 175, 64, 198

 189, 144, 198

 172, 45, 198

 192, 163, 198

 169, 25, 198

 195, 183, 198

 165, 5, 198

 198, 203, 202

 164, 0, 198

 198, 223, 219

 198, 243, 235

 198, 255, 244

 198, 255, 241

Harmonies

Analogous

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



107, 124, 229



182, 104, 198



219, 86, 151

Triad

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



182, 104, 198



83, 172, 19



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.



182, 104, 198



104, 198, 182

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, 90, 157



182, 104, 198



26, 143, 45

Square

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



182, 104, 198



207, 133, 54



57, 144, 153



0, 90, 214

Rectangle

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



182, 104, 198



226, 85, 116



57, 144, 153



0, 80, 158

Sweetspot

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



182, 104, 198



249, 219, 255



104, 118, 198



124, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 104, 198



230, 110, 255



198, 104, 168



98, 90, 99



135, 0, 163



30, 0, 36

Inverse Universe

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



198, 104, 120



255, 110, 134



104, 175, 198



99, 90, 91



163, 0, 28



36, 0, 6

Previews

White Background



This preview shows how the RYB color 182, 104, 198 looks on a white background.

Color Contrast Check

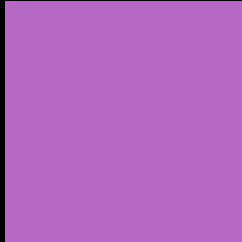
Large Text (above 18pt) WCAG AA ✓ Pass

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 182, 104, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

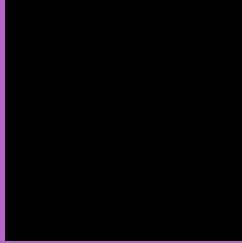
Any Text WCAG AA ✓ Pass

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 182, 104, 198 Background



This preview shows how black text looks on a background with the RYB color 182, 104, 198.

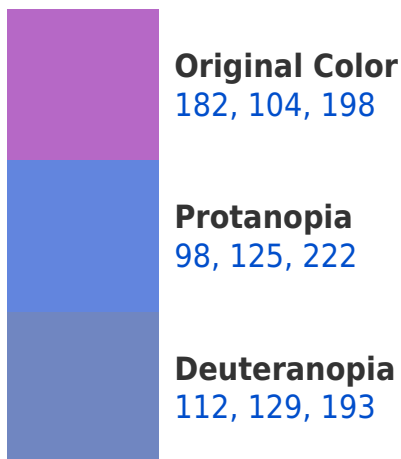


This preview shows how white text looks on a background with the RYB color 182, 104, 198.

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, 120, 129

Trichromacy



Original Color

182, 104, 198



Protanomaly

129, 122, 213



Deuteranomaly

137, 122, 195



Tritanomaly

176, 114, 154

Monochromacy



Original Color

182, 104, 198



Achromatopsia

138, 138, 138



Achromatomaly

154, 126, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 104, 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(182, 104, 198)` looks like.

```
.text, #text, p{  
    color:rgb(182, 104, 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(182, 104, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 104, 198) }
```

Border

The CSS property to change the border of an element to RYB 182, 104, 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(182, 104, 198) }
```

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

```
.border{ border-color:rgb(182, 104, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 104, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 104, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 104, 198);  
box-shadow:4px 4px 4px 4px rgb(182, 104,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 182, 104, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 104, 198) }
```

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

```
.background{ background-color: rgb(182,  
104, 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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