

Converting Colors

`RYB(182, 73, 168)`

Have a look what the booklet for
RYB(182, 73, 168) contains.

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Color

R_YB(182, 73, 168)

Conversions

Conversions Part 1

Format	Color
Hex	B649A8
RGB	182, 73, 168
RGB Percent	71%, 29%, 66%
CMY	0.2863, 0.7137, 0.3412
CMYK	0.00, 0.60, 0.08, 0.29
HSL	308°, 43%, 50%
HSV	308°, 60%, 71%
XYZ	28.7418, 17.5373, 38.9160
YIQ	116.4210, 34.4690, 52.6530

Conversions

Conversions Part 2

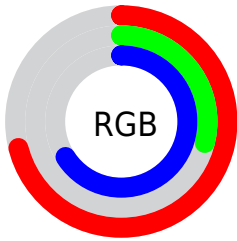
Format	Color
R_{YB}	182, 73, 168
Decimal	11946408
CIE _{Lab}	48.93, 55.73, -29.99
CIE _{LCh}	49, 63.289, 331.719
Yxy	17.5373, 0.3374, 0.2058
Android (android.graphics.Color)	4290136488 (0xFFB649A8)
YUV	116.4210, 25.4284, 57.5128
Hunter-Lab	41.8776, 49.2241, -25.7826

Details

The RYB color **182, 73, 168** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **73, 170, 182**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **240, 128, 223**, and **126, 6, 116** is the 20% darker color. If you saturate the color by 10%, you get **182, 55, 166**, and if you desaturate by 10%, it is **182, 91, 170**.

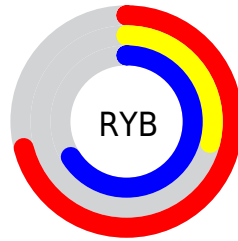
Distribution



Red (71%)

Green (29%)

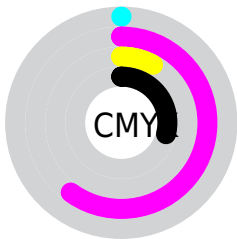
Blue (66%)



Red (71%)

Yellow (29%)

Blue (66%)

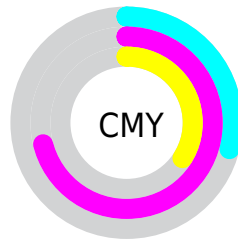


Cyan (0%)

Magenta (60%)

Yellow (8%)

Black (29%)



Cyan (29%)

Magenta (71%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 73, 168 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, 73, 168 by changing the saturation by 10% instead.



182, 73, 168



182, 73, 168

255, 255, 255



154, 45, 141



240, 128, 223



126, 6, 116



255, 155, 252



99, 0, 91



255, 183, 255



72, 0, 67



255, 212, 255



49, 0, 44



255, 241, 255



8, 0, 22



0, 0, 0



182, 73, 168



182, 73, 168



182, 55, 166



182, 91, 170

182, 37, 163

182, 109, 173

182, 18, 161

182, 128, 175

182, 0, 159

182, 146, 177

182, 164, 180

182, 182, 182

182, 198, 200

182, 215, 219

182, 231, 237

Harmonies

Analogous

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



117, 100, 208



182, 73, 168



209, 55, 116

Triad

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



182, 73, 168



26, 137, 0



0, 77, 171

Complementary

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



182, 73, 168



73, 170, 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, 76, 140



182, 73, 168



0, 129, 46

Square

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



182, 73, 168



177, 179, 8



0, 94, 137



0, 82, 211

Rectangle

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



182, 73, 168



209, 61, 80



0, 94, 137



0, 74, 155

Sweetspot

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



182, 73, 168



237, 194, 232



86, 73, 182



120, 93, 116



247, 247, 247



120, 120, 120

Same Dimension

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



182, 73, 168



237, 66, 215



182, 73, 115



92, 83, 91



156, 0, 136



28, 0, 24

Inverse Universe

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



182, 73, 168



237, 66, 215



73, 141, 182



92, 83, 91



156, 0, 136



28, 0, 24

Previews

White Background



This preview shows how the RYB color 182, 73, 168 looks on a white background.

Color Contrast Check

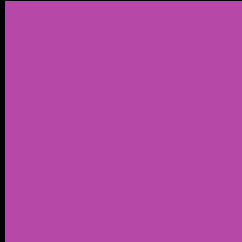
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 182, 73, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

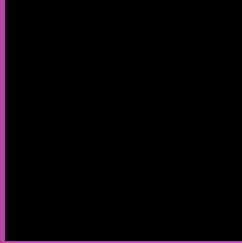
Any Text WCAG AA ✓ Pass

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, 73, 168 Background



This preview shows how black text looks on a background with the RYB color 182, 73, 168.

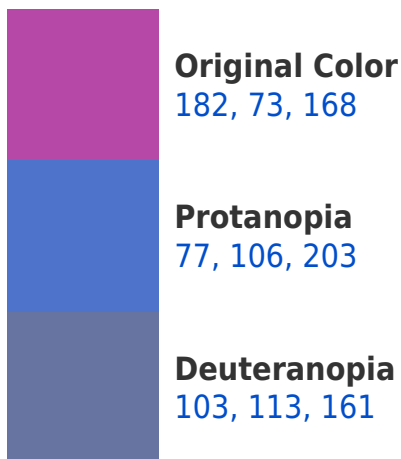


This preview shows how white text looks on a background with the RYB color 182, 73, 168.

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
174, 92, 98

Trichromacy



Original Color

182, 73, 168



Protanomaly

115, 99, 190



Deuteranomaly

132, 100, 164



Tritanomaly

177, 85, 123

Monochromacy



Original Color

182, 73, 168



Achromatopsia

116, 116, 116



Achromatomaly

140, 100, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 73, 168 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, 73, 168)` looks like.

```
.text, #text, p{  
    color:rgb(182, 73, 168)  
}
```

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, 73, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 73, 168) }
```

Border

The CSS property to change the border of an element to RYB 182, 73, 168 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, 73, 168) }
```

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

```
.border{ border-color:rgb(182, 73, 168) }
```

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

Here you see how a box with a 4 pixel rgb(182, 73, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 73, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 73, 168);  
box-shadow:4px 4px 4px 4px rgb(182, 73,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 182, 73, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 73, 168) }
```

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

```
.background{ background-color: rgb(182, 73,  
168) }
```

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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