

Converting Colors

`RYB(182, 131, 162)`

Have a look what the booklet for RYB(182, 131, 162) contains.

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Color

R_YB(182, 131, 162)

Conversions

Conversions Part 1

Format	Color
Hex	B683A2
RGB	182, 131, 162
RGB Percent	71%, 51%, 64%
CMY	0.2863, 0.4863, 0.3647
CMYK	0.00, 0.28, 0.11, 0.29
HSL	324°, 26%, 61%
HSV	324°, 28%, 71%
XYZ	33.9293, 28.7863, 37.9505
YIQ	149.7830, 20.4450, 20.4530

Conversions

Conversions Part 2

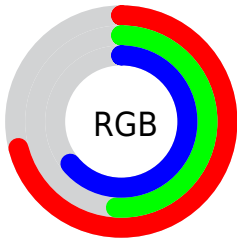
Format	Color
RYB	182, 131, 162
Decimal	11961250
CIELab	60.59, 24.55, -8.69
CIELCh	61, 26.043, 340.499
Yxy	28.7863, 0.3370, 0.2860
Android (android.graphics.Color)	4290151330 (0xFFB683A2)
YUV	149.7830, 6.0230, 28.2543
Hunter-Lab	53.6529, 18.9882, -4.3808

Details

The RYB color **182, 131, 162** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **131, 168, 182**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **239, 184, 217**, and **128, 81, 110** is the 20% darker color. If you saturate the color by 10%, you get **182, 113, 155**, and if you desaturate by 10%, it is **182, 149, 169**.

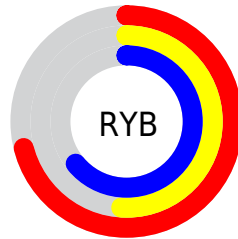
Distribution



Red (71%)

Green (51%)

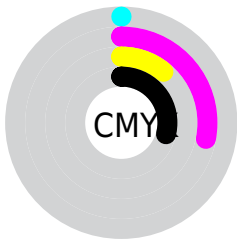
Blue (64%)



Red (71%)

Yellow (51%)

Blue (64%)

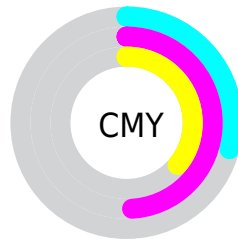


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 131, 162 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, 131, 162 by changing the saturation by 10% instead.

 182, 131, 162

255, 255, 255

 239, 184, 217

 255, 212, 245

 255, 241, 255


 182, 131, 162

 155, 105, 136

 128, 81, 110


 103, 57, 86

 78, 34, 63


 54, 12, 41

 35, 0, 21

 0, 0, 0

 182, 131, 162

 182, 113, 155

 182, 131, 162

 182, 149, 169

182, 95, 148

182, 167, 176

182, 76, 141

182, 185, 186

182, 58, 133

182, 198, 204

182, 40, 126

182, 211, 222

182, 22, 119

182, 224, 240

182, 4, 112

182, 234, 255

182, 0, 111

182, 230, 255

182, 228, 255

Harmonies

Analogous

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



160, 137, 181



182, 131, 162



192, 129, 139

Triad

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



182, 131, 162



109, 154, 101



75, 120, 175

Complementary

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



182, 131, 162



131, 168, 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.



80, 121, 159



182, 131, 162



111, 154, 136

Square

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



182, 131, 162



174, 176, 103



102, 139, 158



95, 131, 189

Rectangle

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



182, 131, 162



191, 132, 124



102, 139, 158



73, 118, 169

Sweetspot

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



182, 131, 162



237, 218, 230



151, 131, 182



120, 108, 115



247, 247, 247



120, 120, 120

Same Dimension

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



182, 131, 162



237, 157, 206



182, 131, 137



92, 83, 88



156, 0, 95



28, 0, 17

Inverse Universe

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



182, 131, 162



237, 157, 206



131, 158, 182



92, 83, 88



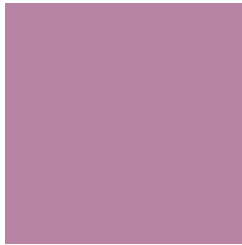
156, 0, 95



28, 0, 17

Previews

White Background



This preview shows how the RYB color 182, 131, 162 looks on a white background.

Color Contrast Check

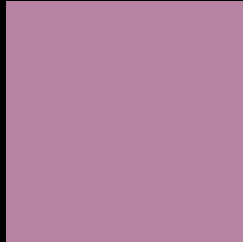
Large Text (above 18pt) WCAG AA ✓ Pass

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, 131, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

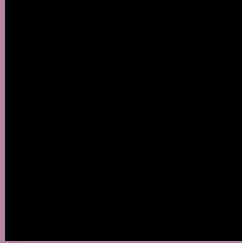
Any Text WCAG AA ✓ Pass

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, 131, 162 Background



This preview shows how black text looks on a background with the RYB color 182, 131, 162.

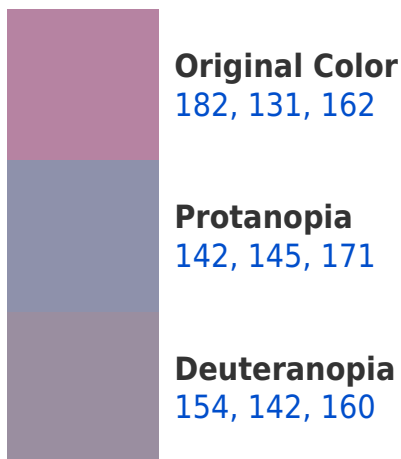



This preview shows how white text looks on a background with the RYB color 182, 131, 162.

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
180, 134, 144

Trichromacy



Original Color
182, 131, 162

Protanomaly
157, 140, 168

Deuteranomaly
164, 138, 161

Tritanomaly
181, 133, 151

Monochromacy



Original Color
182, 131, 162

Achromatopsia
150, 150, 150

Achromatomaly
162, 143, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 131, 162 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, 131, 162)` looks like.

```
.text, #text, p{  
    color:rgb(182, 131, 162)  
}
```

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, 131, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 131, 162) }
```

Border

The CSS property to change the border of an element to RYB 182, 131, 162 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, 131, 162) }
```

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

```
.border{ border-color:rgb(182, 131, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 131, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 131, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 131, 162);  
box-shadow:4px 4px 4px 4px rgb(182, 131,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 182, 131, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 131, 162) }
```

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

```
.background{ background-color: rgb(182,  
131, 162) }
```

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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