

Converting Colors

`RYB(183, 100, 161)`

Have a look what the booklet for
RYB(183, 100, 161) contains.

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Color

RYB(183, 100, 161)

Conversions

Conversions Part 1

Format	Color
Hex	B764A1
RGB	183, 100, 161
RGB Percent	72%, 39%, 63%
CMY	0.2824, 0.6078, 0.3686
CMYK	0.00, 0.45, 0.12, 0.28
HSL	316°, 37%, 55%
HSV	316°, 45%, 72%
XYZ	30.5186, 21.7548, 36.3088
YIQ	131.7710, 29.8870, 36.5670

Conversions

Conversions Part 2

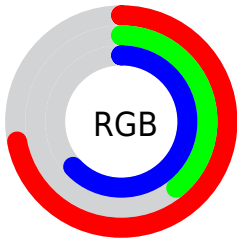
Format	Color
RYB	183, 100, 161
Decimal	12018849
CIELab	53.77, 41.67, -18.40
CIELCh	54, 45.552, 336.169
Yxy	21.7548, 0.3445, 0.2456
Android (android.graphics.Color)	4290208929 (0xFFB764A1)
YUV	131.7710, 14.4099, 44.9278
Hunter-Lab	46.6421, 35.1717, -13.5052

Details

The RYB color **183, 100, 161** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **100, 166, 183**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **240, 153, 216**, and **128, 49, 109** is the 20% darker color. If you saturate the color by 10%, you get **183, 82, 156**, and if you desaturate by 10%, it is **183, 118, 166**.

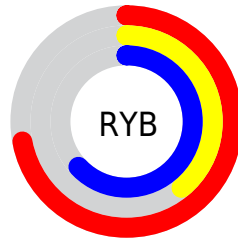
Distribution



Red (72%)

Green (39%)

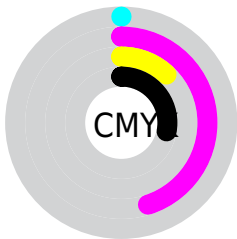
Blue (63%)



Red (72%)

Yellow (39%)

Blue (63%)

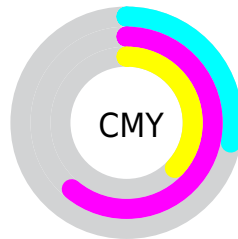


Cyan (0%)

Magenta (45%)

Yellow (12%)

Black (28%)



Cyan (28%)


Magenta (61%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 100, 161 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, 100, 161 by changing the saturation by 10% instead.

 183, 100, 161


255, 255, 255

 240, 153, 216

 255, 180, 244

 255, 209, 255

 255, 237, 255

 183, 100, 161


 155, 74, 135

 128, 49, 109

 102, 22, 85

 76, 0, 61


 52, 0, 40

 24, 0, 18


 0, 0, 0

 183, 100, 161

 183, 82, 156


 183, 100, 161


 183, 118, 166

 183, 63, 151

 183, 137, 171

 183, 45, 146

 183, 155, 176

 183, 27, 142

 183, 173, 180

 183, 8, 137

 183, 190, 192

 183, 0, 134

 183, 204, 210

 183, 219, 228

 183, 233, 246

 183, 238, 255

Harmonies

Analogous

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



142, 115, 192



183, 100, 161



201, 94, 122

Triad

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



183, 100, 161



62, 143, 46



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.



183, 100, 161



100, 166, 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, 77, 148



183, 100, 161



62, 139, 99

Square

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



183, 100, 161



176, 172, 56



41, 110, 146



0, 83, 200

Rectangle

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



183, 100, 161



200, 97, 96



41, 110, 146



0, 77, 162

Sweetspot

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



183, 100, 161



237, 204, 228



121, 100, 183



120, 99, 114



247, 247, 247



120, 120, 120

Same Dimension

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



183, 100, 161



237, 109, 203



183, 100, 121



92, 83, 89



156, 0, 114



28, 0, 21

Inverse Universe

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



183, 100, 161



237, 109, 203



100, 148, 183



92, 83, 89



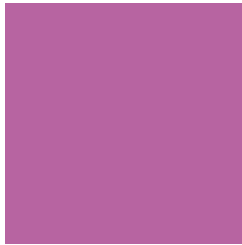
156, 0, 114



28, 0, 21

Previews

White Background



This preview shows how the RYB color 183, 100, 161 looks on a white background.

Color Contrast Check

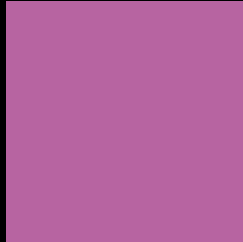
Large Text (above 18pt) WCAG AA ✓ Pass

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, 100, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

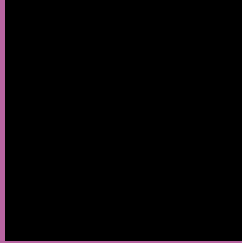
Any Text WCAG AA ✓ Pass

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, 100, 161 Background



This preview shows how black text looks on a background with the RYB color 183, 100, 161.

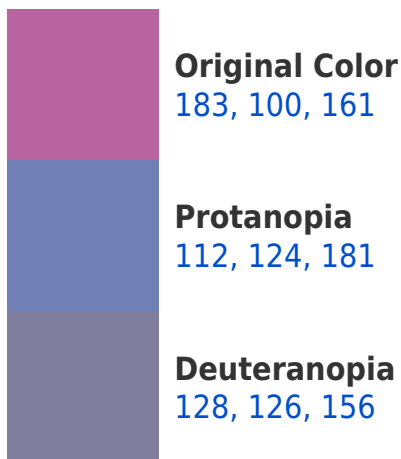



This preview shows how white text looks on a background with the RYB color 183, 100, 161.

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

183, 100, 161



Protanomaly

138, 117, 174



Deuteranomaly

148, 117, 158



Tritanomaly

180, 106, 133

Monochromacy



Original Color

183, 100, 161



Achromatopsia

132, 132, 132



Achromatomaly

151, 120, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 100, 161 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, 100, 161) looks like.

```
.text, #text, p{  
    color:rgb(183, 100, 161)  
}
```

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, 100, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 100, 161) }
```

Border

The CSS property to change the border of an element to RYB 183, 100, 161 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, 100, 161) }
```

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

```
.border{ border-color:rgb(183, 100, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 100, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 100, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 100, 161);  
box-shadow:4px 4px 4px 4px rgb(183, 100,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 183, 100, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 100, 161) }
```

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

```
.background{ background-color: rgb(183,  
100, 161) }
```

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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