

Converting Colors

RGB(181, 0, 164)

Have a look what the booklet for
RGB(181, 0, 164) contains.

RGB(181, 0, 164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(181, 0, 164)

Conversions

Conversions Part 1

Format	Color
Hex	B500A4
RGB	181, 0, 164
RGB Percent	71%, 0%, 64%
CMY	0.2902, 1.0000, 0.3569
CMYK	0.00, 1.00, 0.09, 0.29
HSL	306°, 100%, 35%
HSV	306°, 100%, 71%
XYZ	25.7569, 12.5041, 36.1780
YIQ	72.8150, 55.2320, 89.3760

Conversions

Conversions Part 2

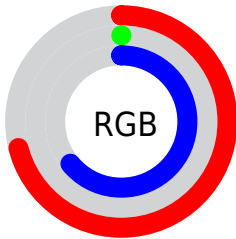
Format	Color
RYB	181, 0, 164
Decimal	11862180
CIELab	42.01, 73.53, -38.51
CIELCh	42, 83.008, 332.357
Yxy	12.5041, 0.3460, 0.1680
Android (android.graphics.Color)	4290052260 (0xFFB500A4)
YUV	72.8150, 44.9542, 94.8782
Hunter-Lab	35.3611, 68.1367, -35.9068

Details

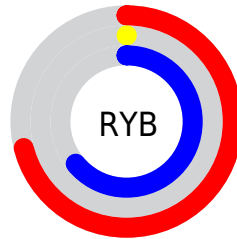
The RGB color **181, 0, 164** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0, 181, 17**, and the grayscale version is **72, 72, 72**.

A 20% lighter version of the original color is **241, 86, 220**, and **123, 0, 112** is the 20% darker color. If you saturate the color by 10%, you get **181, 0, 164**, and if you desaturate by 10%, it is **181, 18, 166**.

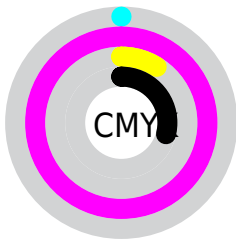
Distribution



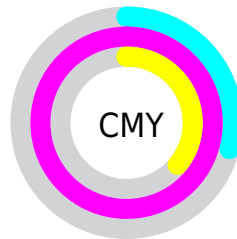
- Red (71%)
- Green (0%)
- Blue (64%)



- Red (71%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 0, 164 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 RGB color 181, 0, 164 by changing the saturation by 10% instead.

 181, 0, 164

 181, 0, 164

255, 255, 255

 152, 0, 137

 241, 86, 220

 123, 0, 112

 255, 116, 248

 95, 0, 87

 255, 145, 255

 69, 0, 63

 255, 174, 255

 40, 0, 40


 255, 204, 255

 0, 1, 17

 255, 233, 255

 0, 0, 0

 181, 0, 164

 181, 18, 166

■ 181, 36, 167

■ 181, 54, 169

■ 181, 72, 171

■ 181, 91, 173

■ 181, 109, 174

■ 181, 127, 176

■ 181, 145, 178

■ 181, 163, 179

Harmonies

Analogous

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



90, 77, 217



181, 0, 164



212, 0, 97

Triad

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



181, 0, 164



117, 99, 0



0, 126, 172

Complementary

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



181, 0, 164



0, 181, 17

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, 125, 103



181, 0, 164



40, 115, 0

Square

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



181, 0, 164



170, 68, 0



0, 122, 26



0, 122, 222

Rectangle

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



181, 0, 164



210, 0, 53



0, 122, 26



0, 126, 150

Sweetspot

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



181, 0, 164



235, 164, 228



15, 0, 181



117, 75, 113



245, 245, 245



117, 117, 117

Same Dimension

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



181, 0, 164



235, 0, 213



181, 0, 75



89, 80, 88



153, 0, 139



26, 0, 23

Inverse Universe

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



181, 0, 164



235, 0, 213



0, 181, 106



89, 80, 88



153, 0, 139



26, 0, 23

Previews

White Background



This preview shows how the RGB color 181, 0, 164 looks on a white background.

Color Contrast Check

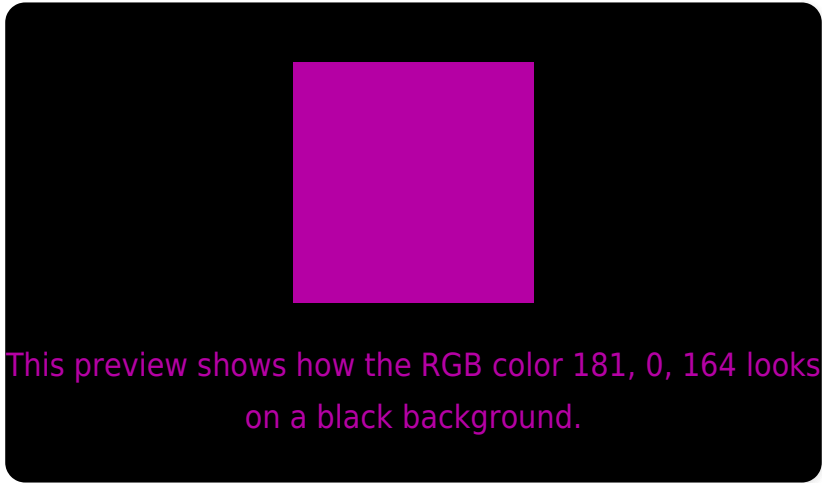
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

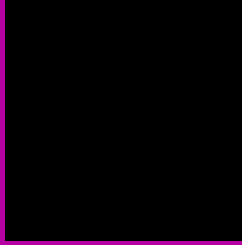
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 181, 0, 164 Background



This preview shows how black text looks on a background with the RGB color 181, 0, 164.

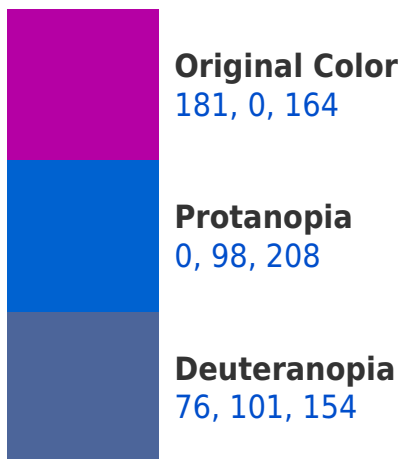


This preview shows how white text looks on a background with the RGB color 181, 0, 164.

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
172, 64, 68

Trichromacy



Original Color

181, 0, 164



Protanomaly

66, 62, 192



Deuteranomaly

114, 64, 158



Tritanomaly

175, 41, 103

Monochromacy



Original Color

181, 0, 164



Achromatopsia

73, 73, 73



Achromatomaly

112, 46, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 0, 164 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(181, 0, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 164)  
}
```

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(181, 0, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 164) }
```

Border

The CSS property to change the border of an element to RGB 181, 0, 164 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(181, 0, 164) }
```

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

```
.border{ border-color:rgb(181, 0, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 0, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 181, 0, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 164) }
```

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

```
.background{ background-color: rgb(181, 0,  
164) }
```

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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