

Converting Colors

RGB(181, 6, 111)

Have a look what the booklet for
RGB(181, 6, 111) contains.

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Color

RGB(181, 6, 111)

Conversions

Conversions Part 1

Format	Color
Hex	B5066F
RGB	181, 6, 111
RGB Percent	71%, 2%, 44%
CMY	0.2902, 0.9765, 0.5647
CMYK	0.00, 0.97, 0.39, 0.29
HSL	324°, 94%, 37%
HSV	324°, 97%, 71%
XYZ	21.9904, 11.1017, 16.0227
YIQ	70.2950, 70.5950, 69.7550

Conversions

Conversions Part 2

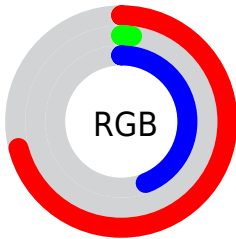
Format	Color
R_{YB}	181, 6, 111
Decimal	11863663
CIE _{Lab}	39.75, 66.64, -9.47
CIE _{LCh}	40, 67.313, 351.915
Yxy	11.1017, 0.4477, 0.2260
Android (android.graphics.Color)	4290053743 (0xFFB5066F)
YUV	70.2950, 20.0676, 97.0883
Hunter-Lab	33.3192, 59.5000, -5.1883

Details

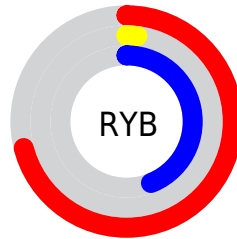
The RGB color **181, 6, 111** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **6, 181, 76**, and the grayscale version is **70, 70, 70**.

A 20% lighter version of the original color is **241, 85, 163**, and **122, 0, 63** is the 20% darker color. If you saturate the color by 10%, you get **181, 0, 109**, and if you desaturate by 10%, it is **181, 24, 118**.

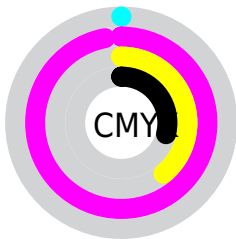
Distribution



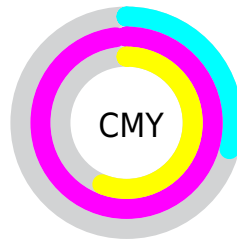
- Red (71%)
- Green (2%)
- Blue (44%)



- Red (71%)
- Yellow (2%)
- Blue (44%)



- Cyan (0%)
- Magenta (97%)
- Yellow (39%)
- Black (29%)



- Cyan (29%)
- Magenta (98%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 6, 111 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, 6, 111 by changing the saturation by 10% instead.



181, 6, 111



181, 6, 111

255, 255, 255



151, 0, 87



241, 85, 163



122, 0, 63



255, 114, 190



94, 0, 41



255, 143, 217



67, 0, 21



255, 172, 246



36, 0, 1



255, 201, 255



0, 0, 0



255, 230, 255



181, 6, 111




181, 6, 111





181, 0, 109





181, 24, 118


 181, 42, 125


 181, 60, 133


 181, 78, 140

 181, 96, 147

 181, 115, 154

 181, 133, 162

 181, 151, 169

 181, 169, 176

Harmonies

Analogous

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



143, 54, 162



181, 6, 111



186, 17, 57

Triad

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



181, 6, 111



76, 103, 0



0, 114, 180

Complementary

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



181, 6, 111



6, 181, 76

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, 117, 133



181, 6, 111



0, 112, 12

Square

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



181, 6, 111



127, 86, 0



0, 116, 76



0, 105, 204

Rectangle

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



181, 6, 111



174, 47, 20



0, 116, 76



0, 116, 167

Sweetspot

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



181, 6, 111



235, 167, 207



76, 6, 181



117, 76, 101



245, 245, 245



117, 117, 117

Same Dimension

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



181, 6, 111



235, 0, 141



181, 6, 24



89, 80, 86



153, 0, 92



26, 0, 15

Inverse Universe

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



181, 6, 111



235, 0, 141



6, 181, 164



89, 80, 86



153, 0, 92



26, 0, 15

Previews

White Background



This preview shows how the RGB color 181, 6, 111 looks on a white background.

Color Contrast Check

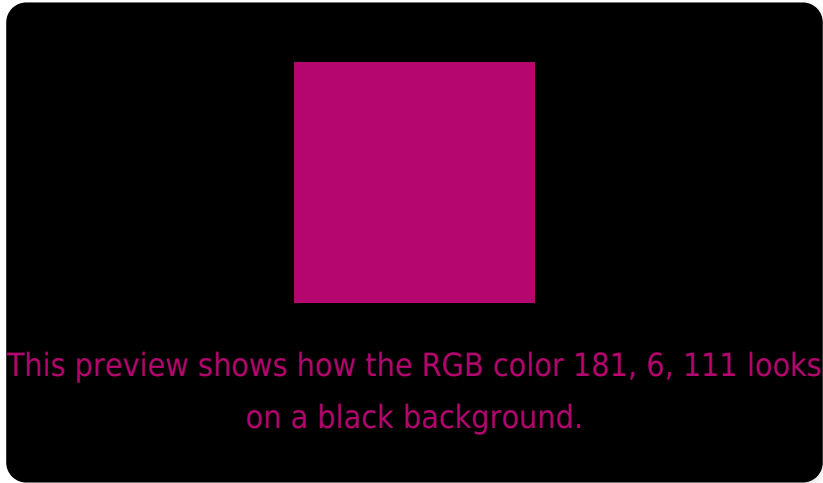
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6, 111 Background



This preview shows how black text looks on a background with the RGB color 181, 6, 111.



This preview shows how white text looks on a background with the RGB color 181, 6, 111.

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



Original Color

181, 6, 111

Protanopia

69, 94, 159

Deuteranopia

102, 93, 103



Tritanopia
177, 44, 45

Trichromacy



Original Color

181, 6, 111



Protanomaly

110, 62, 142



Deuteranomaly

131, 61, 106



Tritanomaly

178, 30, 69

Monochromacy



Original Color

181, 6, 111



Achromatopsia

70, 70, 70



Achromatomaly

110, 47, 85

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 6, 111 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, 6, 111)` looks like.

```
.text, #text, p{  
    color:rgb(181, 6, 111)  
}
```

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, 6, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 6, 111) }
```

Border

The CSS property to change the border of an element to RGB 181, 6, 111 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, 6, 111) }
```

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

```
.border{ border-color:rgb(181, 6, 111) }
```

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

Here you see how a box with a 4 pixel rgb(181, 6, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 6, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 6, 111);  
box-shadow:4px 4px 4px 4px rgb(181, 6,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 181, 6, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 6, 111) }
```

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

```
.background{ background-color: rgb(181, 6,  
111) }
```

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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