

Converting Colors

RGB(181, 23, 118)

Have a look what the booklet for
RGB(181, 23, 118) contains.

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Color

RGB(181, 23, 118)

Conversions

Conversions Part 1

Format	Color
Hex	B51776
RGB	181, 23, 118
RGB Percent	71%, 9%, 46%
CMY	0.2902, 0.9098, 0.5373
CMYK	0.00, 0.87, 0.35, 0.29
HSL	324°, 77%, 40%
HSV	324°, 87%, 71%
XYZ	22.6325, 11.7446, 18.2136
YIQ	81.0720, 63.6730, 63.0410

Conversions

Conversions Part 2

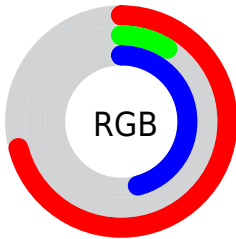
Format	Color
R_{YB}	181, 23, 118
Decimal	11868022
CIE _{Lab}	40.81, 65.05, -12.25
CIE _{LCh}	41, 66.195, 349.331
Yxy	11.7446, 0.4304, 0.2233
Android (android.graphics.Color)	4290058102 (0xFFB51776)
YUV	81.0720, 18.2055, 87.6369
Hunter-Lab	34.2703, 57.9101, -7.5215

Details

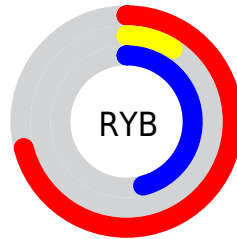
The RGB color **181, 23, 118** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **23, 181, 86**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **241, 91, 170**, and **123, 0, 70** is the 20% darker color. If you saturate the color by 10%, you get **181, 5, 111**, and if you desaturate by 10%, it is **181, 41, 125**.

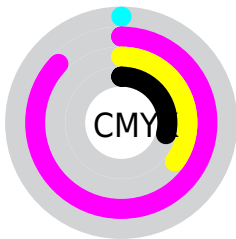
Distribution



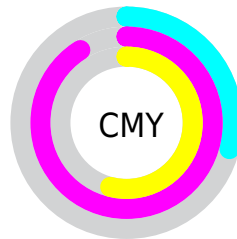
- Red (71%)
- Green (9%)
- Blue (46%)



- Red (71%)
- Yellow (9%)
- Blue (46%)



- Cyan (0%)
- Magenta (87%)
- Yellow (35%)
- Black (29%)





- Cyan (29%)
- Magenta (91%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 23, 118 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, 23, 118 by changing the saturation by 10% instead.

 181, 23, 118

 181, 23, 118

255, 255, 255

 152, 0, 93

 241, 91, 170

 123, 0, 70

 255, 119, 197

 94, 0, 47

 255, 148, 225

 68, 0, 27


 255, 177, 254

 39, 0, 1

 255, 206, 255


 0, 0, 0

 255, 235, 255

 181, 23, 118

 181, 23, 118

 181, 5, 111

 181, 41, 125

■ 181, 0, 109

■ 181, 59, 132

■ 181, 77, 140

■ 181, 95, 147

■ 181, 114, 154

■ 181, 132, 161

■ 181, 150, 169

■ 181, 168, 176

■ 181, 186, 183

Harmonies

Analogous

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



140, 61, 168



181, 23, 118



188, 24, 64

Triad

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



181, 23, 118



85, 104, 0



0, 117, 178

Complementary

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



181, 23, 118



23, 181, 86

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, 119, 131



181, 23, 118



0, 114, 9

Square

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



181, 23, 118



133, 87, 0



0, 118, 74



0, 109, 204

Rectangle

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



181, 23, 118



178, 48, 29



0, 118, 74



0, 118, 164

Sweetspot

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



181, 23, 118



235, 174, 210



84, 23, 181



117, 81, 103



245, 245, 245



117, 117, 117

Same Dimension

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



181, 23, 118



235, 0, 141



181, 23, 41



89, 80, 86



153, 0, 92



26, 0, 15

Inverse Universe

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



181, 23, 118



235, 0, 141



23, 181, 163



89, 80, 86



153, 0, 92



26, 0, 15

Previews

White Background



This preview shows how the RGB color 181, 23, 118 looks on a white background.

Color Contrast Check

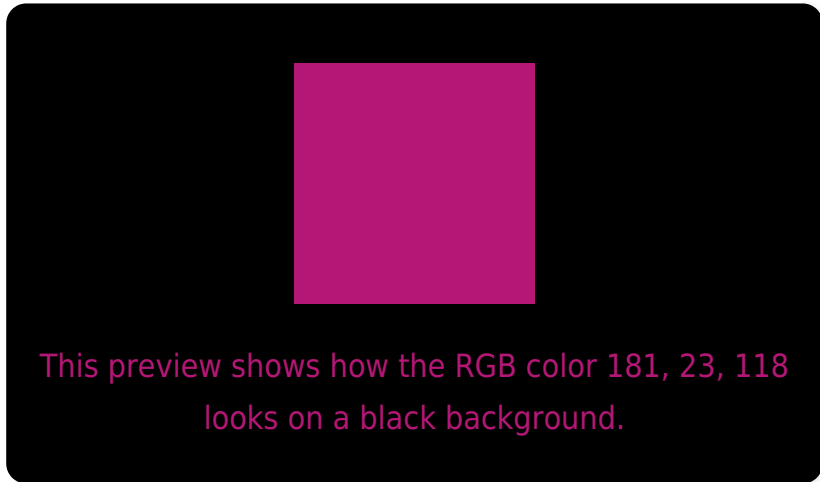
Large Text (above 18pt) WCAG AA ✓ Pass

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

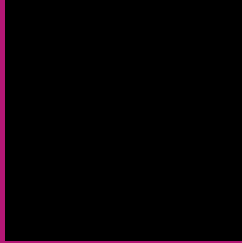
Any Text WCAG AA × Fail

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, 23, 118 Background



This preview shows how black text looks on a background with the RGB color 181, 23, 118.

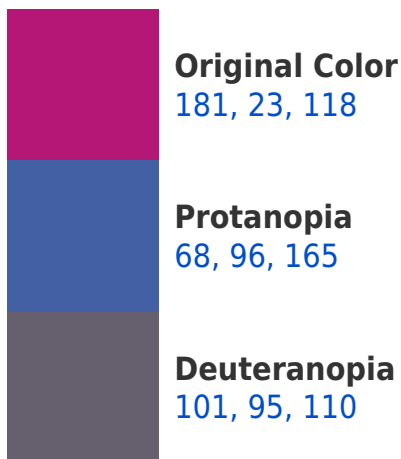


This preview shows how white text looks on a background with the RGB color 181, 23, 118.

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](#).

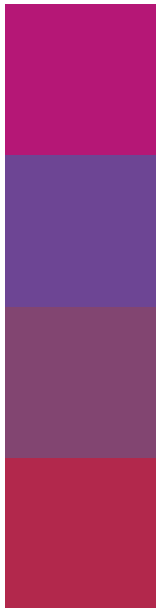
Dichromacy





Tritanopia
177, 50, 52

Trichromacy



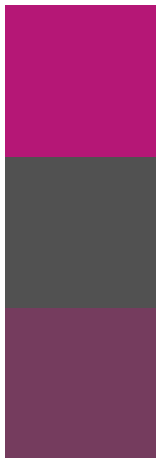
Original Color
181, 23, 118

Protanomaly
109, 69, 148

Deuteranomaly
130, 69, 113

Tritanomaly
178, 40, 76

Monochromacy



Original Color
181, 23, 118

Achromatopsia
81, 81, 81

Achromatomaly
117, 60, 94

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 23, 118 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, 23, 118)` looks like.

```
.text, #text, p{  
    color:rgb(181, 23, 118)  
}
```

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, 23, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 23, 118) }
```

Border

The CSS property to change the border of an element to RGB 181, 23, 118 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, 23, 118) }
```

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

```
.border{ border-color:rgb(181, 23, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 23, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 23, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 23, 118);  
box-shadow:4px 4px 4px 4px rgb(181, 23,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 181, 23, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 23, 118) }
```

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

```
.background{ background-color: rgb(181, 23,  
118) }
```

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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