

Converting Colors

RGB(181, 91, 139)

Have a look what the booklet for
RGB(181, 91, 139) contains.

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Color

RGB(181, 91, 139)

Conversions

Conversions Part 1

Format	Color
Hex	B55B8B
RGB	181, 91, 139
RGB Percent	71%, 36%, 55%
CMY	0.2902, 0.6431, 0.4549
CMYK	0.00, 0.50, 0.23, 0.29
HSL	328°, 38%, 53%
HSV	328°, 50%, 71%
XYZ	27.4573, 19.1700, 26.6791
YIQ	123.3820, 38.2320, 34.0080

Conversions

Conversions Part 2

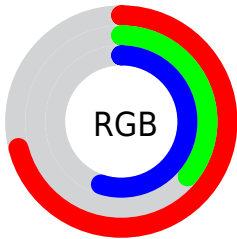
Format	Color
R_{YB}	181, 91, 139
Decimal	11885451
CIE _{Lab}	50.89, 42.23, -9.83
CIE _{LCh}	51, 43.359, 346.895
Yxy	19.1700, 0.3746, 0.2615
Android (android.graphics.Color)	4290075531 (0xFFB55B8B)
YUV	123.3820, 7.6997, 50.5310
Hunter-Lab	43.7836, 35.3188, -5.4793

Details

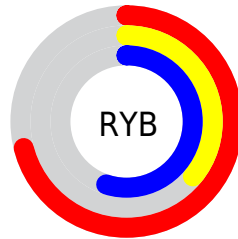
The RGB color **181, 91, 139** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **91, 181, 133**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **239, 144, 192**, and **126, 39, 89** is the 20% darker color. If you saturate the color by 10%, you get **181, 73, 131**, and if you desaturate by 10%, it is **181, 109, 147**.

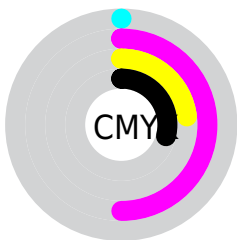
Distribution



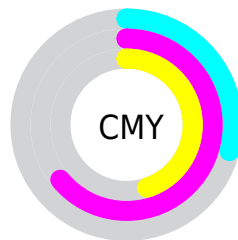
- Red (71%)
- Green (36%)
- Blue (55%)



- Red (71%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (23%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 91, 139 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, 91, 139 by changing the saturation by 10% instead.

 181, 91, 139

 181, 91, 139

255, 255, 255

 153, 65, 114

 239, 144, 192

 126, 39, 89

 255, 171, 220

 99, 8, 66

 255, 199, 249


 73, 0, 43


 255, 228, 255


 50, 0, 23


 8, 0, 0


 0, 0, 0


 181, 91, 139


 181, 91, 139


 181, 73, 131


 181, 109, 147


 181, 55, 122

 181, 127, 156


 181, 37, 114


 181, 145, 164


 181, 19, 105

 181, 163, 173


 181, 1, 97

 181, 182, 181

 181, 0, 97

 181, 200, 190

 181, 218, 198

 181, 236, 207

 181, 254, 215

Harmonies

Analogous

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



150, 103, 172



181, 91, 139



190, 90, 102

Triad

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



181, 91, 139



122, 126, 46



0, 137, 174

Complementary

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



181, 91, 139



91, 181, 133

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, 140, 141



181, 91, 139



79, 134, 68

Square

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



181, 91, 139



156, 113, 47



0, 139, 103



0, 130, 193

Rectangle

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



181, 91, 139



185, 95, 79



0, 139, 103



0, 138, 165

Sweetspot

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



181, 91, 139



235, 199, 218



133, 91, 181



117, 96, 107



245, 245, 245



117, 117, 117

Same Dimension

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



181, 91, 139



235, 94, 169



181, 91, 94



89, 80, 85



153, 0, 82



26, 0, 14

Inverse Universe

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



181, 91, 139



235, 94, 169



91, 181, 178



89, 80, 85



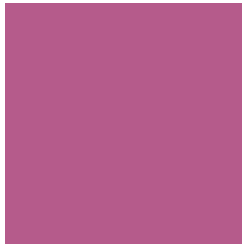
153, 0, 82



26, 0, 14

Previews

White Background



This preview shows how the RGB color 181, 91, 139 looks on a white background.

Color Contrast Check

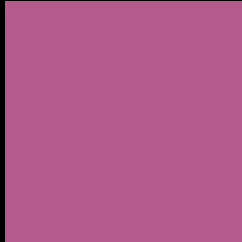
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 181, 91, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

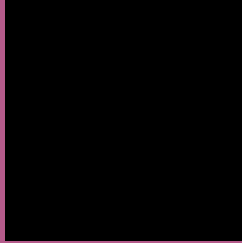
Any Text WCAG AA ✓ Pass

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](#).

RGB 181, 91, 139 Background



This preview shows how black text looks on a background with the RGB color 181, 91, 139.

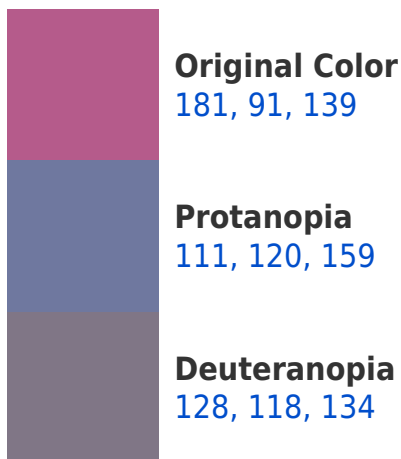


This preview shows how white text looks on a background with the RGB color 181, 91, 139.

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, 98, 105

Trichromacy



Original Color
181, 91, 139

Protanomaly
136, 109, 152

Deuteranomaly
147, 108, 136

Tritanomaly
179, 95, 117

Monochromacy



Original Color
181, 91, 139

Achromatopsia
123, 123, 123

Achromatomaly
144, 111, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 91, 139 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, 91, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 91, 139)  
}
```

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, 91, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 91, 139) }
```

Border

The CSS property to change the border of an element to RGB 181, 91, 139 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, 91, 139) }
```

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

```
.border{ border-color:rgb(181, 91, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 91, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 91, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 91, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 91,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 181, 91, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 91, 139) }
```

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

```
.background{ background-color: rgb(181, 91,  
139) }
```

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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