

# Converting Colors

RGB(181, 58, 100)

Have a look what the booklet for  
RGB(181, 58, 100) contains.

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# Color

**RGB(181, 58, 100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B53A64
RGB	181, 58, 100
RGB Percent	71%, 23%, 39%
CMY	0.2902, 0.7725, 0.6078
CMYK	0.00, 0.68, 0.45, 0.29
HSL	340°, 51%, 47%
HSV	340°, 68%, 71%
XYZ	22.8694, 13.7700, 13.5091
YIQ	99.5650, 59.8260, 39.1380

# Conversions

## Conversions Part 2

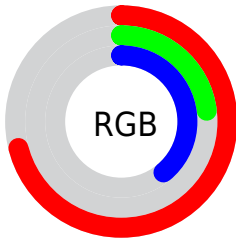
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 58, 100
Decimal	11876964
CIE <sub>Lab</sub>	43.90, 52.79, 3.53
CIE <sub>LCh</sub>	44, 52.910, 3.822
Yxy	13.7700, 0.4560, 0.2746
Android (android.graphics.Color)	4290067044 (0xFFB53A64)
YUV	99.5650, 0.2145, 71.4185
Hunter-Lab	37.1079, 45.0695, 4.3910

# Details

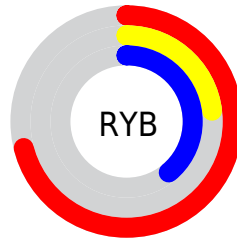
The RGB color **181, 58, 100** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **58, 181, 139**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **241, 113, 151**, and **123, 0, 54** is the 20% darker color. If you saturate the color by 10%, you get **181, 40, 88**, and if you desaturate by 10%, it is **181, 76, 112**.

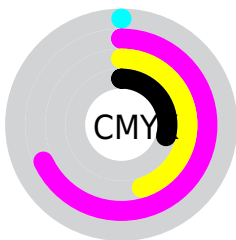
# Distribution



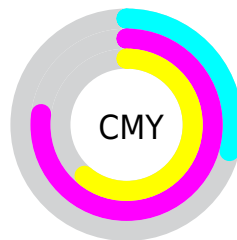
- Red (71%)
- Green (23%)
- Blue (39%)



- Red (71%)
- Yellow (23%)
- Blue (39%)



- Cyan (0%)
- Magenta (68%)
- Yellow (45%)
- Black (29%)




- Cyan (29%)
- Magenta (77%)
- Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 181, 58, 100 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, 58, 100 by changing the saturation by 10% instead.




 181, 58, 100

 181, 58, 100

255, 255, 255

 152, 27, 76

 241, 113, 151

 123, 0, 54

 255, 140, 177

 95, 0, 33

 255, 168, 205


 68, 0, 9


 255, 197, 233

 40, 0, 1


 255, 226, 255

 0, 0, 0

 181, 58, 100


 181, 58, 100


 181, 40, 88


 181, 76, 112


 181, 22, 76


 181, 94, 124


 181, 4, 64


 181, 112, 136

 181, 0, 62

 181, 130, 148

 181, 149, 160

 181, 167, 172

 181, 185, 183

 181, 203, 195

 181, 221, 207

# Harmonies

## Analogous

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



161, 69, 143



181, 58, 100



177, 68, 57

# Triad

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



181, 58, 100



74, 115, 20



0, 118, 182

# Complementary

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



181, 58, 100



58, 181, 139

# 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, 123, 152



181, 58, 100



0, 121, 63

# Square

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



181, 58, 100



120, 104, 0



0, 124, 108



0, 107, 192

# Rectangle

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



181, 58, 100



164, 80, 32



0, 124, 108



0, 121, 174



# Sweetspot

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



181, 58, 100



235, 188, 204



138, 58, 181



117, 89, 99



245, 245, 245



117, 117, 117



# Same Dimension

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



181, 58, 100



235, 42, 108



181, 76, 58



89, 80, 83



153, 0, 52



26, 0, 9



# Inverse Universe

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



181, 58, 100



235, 42, 108



58, 163, 181



89, 80, 83



153, 0, 52



26, 0, 9



# Previews

## White Background



This preview shows how the RGB color 181, 58, 100 looks on a white background.

## Color Contrast Check

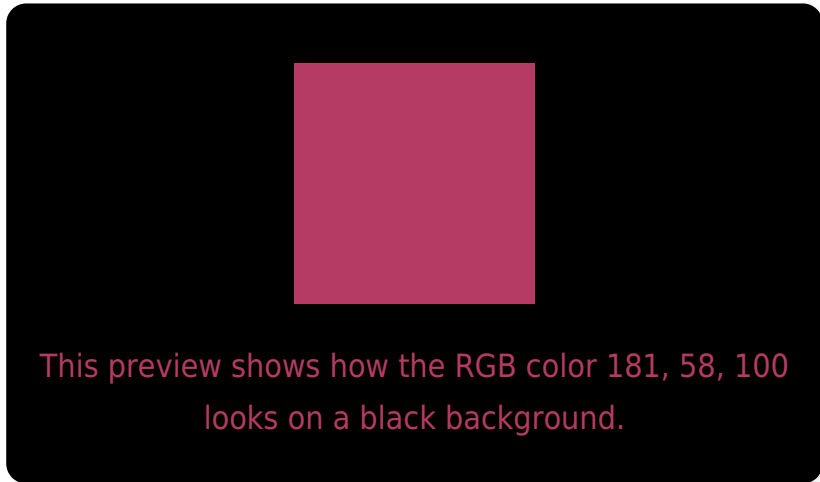
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58, 100 Background



This preview shows how black text looks on a background with the RGB color 181, 58, 100.



This preview shows how white text looks on a background with the RGB color 181, 58, 100.

# 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, 58, 100

**Protanopia**

100, 104, 127

**Deuteranopia**

118, 101, 94



**Tritanopia**  
179, 65, 69

# Trichromacy



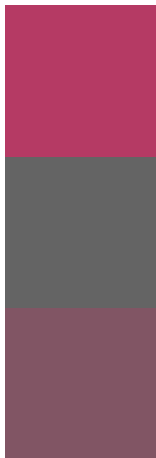
**Original Color**  
181, 58, 100

**Protanomaly**  
129, 87, 117

**Deuteranomaly**  
141, 85, 96

**Tritanomaly**  
180, 62, 80

# Monochromacy



**Original Color**  
181, 58, 100

**Achromatopsia**  
100, 100, 100

**Achromatomaly**  
129, 85, 100

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 181, 58, 100 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, 58, 100)` looks like.

```
.text, #text, p{  
    color:rgb(181, 58, 100)  
}
```

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, 58, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 58, 100) }
```

## Border

The CSS property to change the border of an element to RGB 181, 58, 100 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, 58, 100) }
```

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

```
.border{ border-color:rgb(181, 58, 100) }
```

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

Here you see how a box with a 4 pixel rgb(181, 58, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 58, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 58, 100);  
box-shadow:4px 4px 4px 4px rgb(181, 58,  
100) }
```

# Background

The CSS property to change the background color of an element to RGB 181, 58, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 58, 100) }
```

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

```
.background{ background-color: rgb(181, 58,  
100) }
```

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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