

Converting Colors

`RYB(182, 57, 101)`

Have a look what the booklet for
RYB(182, 57, 101) contains.

RYB(182, 57, 101)	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

$\text{RYB}(182, 57, 101)$

Conversions

Conversions Part 1

Format	Color
Hex	B63965
RGB	182, 57, 101
RGB Percent	71%, 22%, 40%
CMY	0.2863, 0.7765, 0.6039
CMYK	0.00, 0.69, 0.45, 0.29
HSL	339°, 52%, 47%
HSV	339°, 69%, 71%
XYZ	23.1035, 13.8109, 13.7600
YIQ	99.3910, 60.3760, 40.1840

Conversions

Conversions Part 2

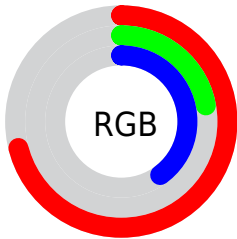
Format	Color
RYB	182, 57, 101
Decimal	11942245
CIELab	43.96, 53.59, 3.02
CIElCh	44, 53.679, 3.220
Yxy	13.8109, 0.4559, 0.2725
Android (android.graphics.Color)	4290132325 (0xFFB63965)
YUV	99.3910, 0.7932, 72.4481
Hunter-Lab	37.1631, 45.9344, 4.0614

Details

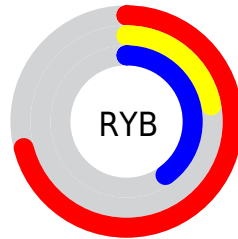
The RYB color **182, 57, 101** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **57, 133, 182**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **242, 112, 152**, and **124, 0, 55** is the 20% darker color. If you saturate the color by 10%, you get **182, 39, 89**, and if you desaturate by 10%, it is **182, 75, 113**.

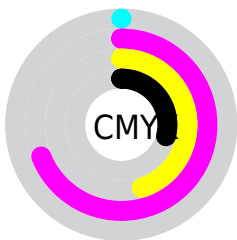
Distribution



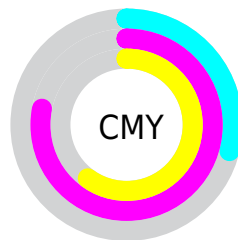
- Red (71%)
- Green (22%)
- Blue (40%)



- Red (71%)
- Yellow (22%)
- Blue (40%)



- Cyan (0%)
- Magenta (69%)
- Yellow (45%)
- Black (29%)



- Cyan (29%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 57, 101 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 RYB color 182, 57, 101 by changing the saturation by 10% instead.

 182, 57, 101

 182, 57, 101

255, 255, 255

 153, 25, 77

 242, 112, 152

 124, 0, 55

 255, 140, 178

 96, 0, 34

 255, 168, 206

 69, 0, 10

 255, 196, 234

 41, 0, 1

 255, 225, 255

 0, 0, 0

255, 254, 255

 182, 57, 101

 182, 57, 101

 182, 39, 89

 182, 75, 113

■ 182, 21, 77

■ 182, 93, 125

■ 182, 2, 66

■ 182, 112, 136

■ 182, 0, 64

■ 182, 130, 148

■ 182, 148, 160

■ 182, 166, 172

■ 182, 183, 184

■ 182, 195, 203

■ 182, 206, 221

Harmonies

Analogous

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



161, 69, 145



182, 57, 101



179, 68, 58

Triad

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



182, 57, 101



17, 115, 57



0, 72, 183

Complementary

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



182, 57, 101



57, 133, 182

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, 68, 152



182, 57, 101



0, 81, 122

Square

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



182, 57, 101



21, 121, 0



0, 66, 124



0, 69, 193

Rectangle

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



182, 57, 101



165, 108, 31



0, 66, 124



0, 72, 175

Sweetspot

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



182, 57, 101



237, 187, 205



136, 57, 182



120, 90, 100



247, 247, 247



120, 120, 120

Same Dimension

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



182, 57, 101



237, 43, 111



182, 77, 57



92, 83, 86



156, 0, 55



28, 0, 10

Inverse Universe

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



182, 57, 101



237, 43, 111



57, 115, 182



92, 83, 86



156, 0, 55



28, 0, 10

Previews

White Background



This preview shows how the RYB color 182, 57, 101 looks on a white background.

Color Contrast Check

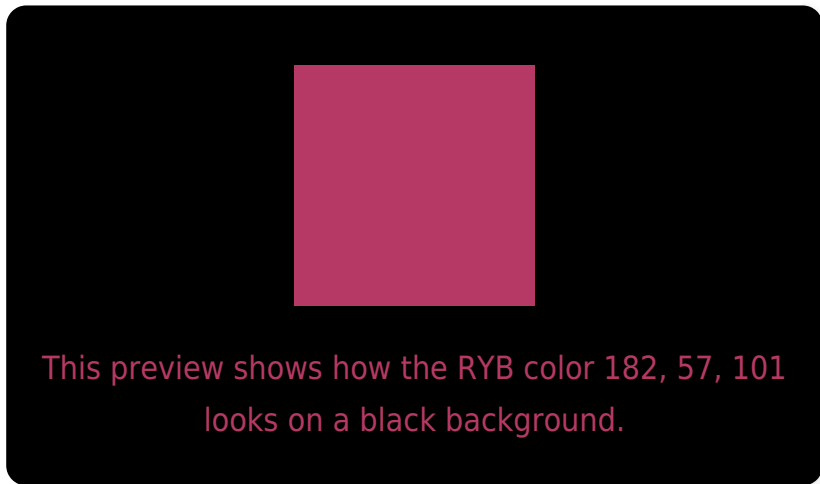
Large Text (above 18pt) WCAG AA ✓ Pass

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

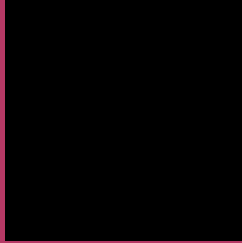
Any Text WCAG AA × Fail

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](#).

R Y B 182, 57, 101 Background



This preview shows how black text looks on a background with the RYB color 182, 57, 101.



This preview shows how white text looks on a background with the RYB color 182, 57, 101.

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
182, 57, 101

Protanopia
99, 103, 128

Deuteranopia
118, 103, 95



Tritanopia
180, 64, 68

Trichromacy



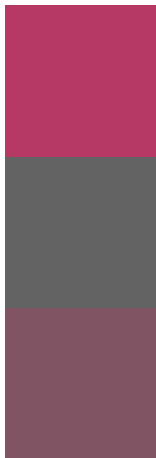
Original Color
182, 57, 101

Protanomaly
129, 87, 118

Deuteranomaly
141, 85, 97

Tritanomaly
181, 61, 80

Monochromacy



Original Color
182, 57, 101

Achromatopsia
99, 99, 99

Achromatomaly
129, 84, 100

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 57, 101 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(182, 57, 101)` looks like.

```
.text, #text, p{  
    color:rgb(182, 57, 101)  
}
```

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(182, 57, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 57, 101) }
```

Border

The CSS property to change the border of an element to RYB 182, 57, 101 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(182, 57, 101) }
```

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

```
.border{ border-color:rgb(182, 57, 101) }
```

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

Here you see how a box with a 4 pixel rgb(182, 57, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 57, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 57, 101);  
box-shadow:4px 4px 4px 4px rgb(182, 57,  
101) }
```

Background

The CSS property to change the background color of an element to RGB 182, 57, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 57, 101) }
```

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

```
.background{ background-color: rgb(182, 57,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor