

Converting Colors

`RYB(182, 0, 140)`

Have a look what the booklet for
RYB(182, 0, 140) contains.

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Color

R_YB(182, 0, 140)

Conversions

Conversions Part 1

Format	Color
Hex	B6008C
RGB	182, 0, 140
RGB Percent	71%, 0%, 55%
CMY	0.2863, 1.0000, 0.4510
CMYK	0.00, 1.00, 0.23, 0.29
HSL	314°, 100%, 36%
HSV	314°, 100%, 71%
XYZ	24.0250, 11.8385, 25.8297
YIQ	70.3780, 63.5320, 82.1240

Conversions

Conversions Part 2

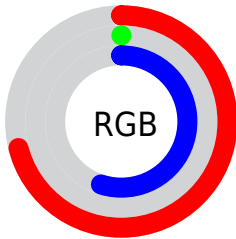
Format	Color
R_{YB}	182, 0, 140
Decimal	11927692
CIE _{Lab}	40.96, 70.63, -25.60
CIE _{LCh}	41, 75.127, 340.074
Yxy	11.8385, 0.3894, 0.1919
Android (android.graphics.Color)	4290117772 (0xFFB6008C)
YUV	70.3780, 34.3236, 97.8925
Hunter-Lab	34.4072, 64.4262, -20.4245

Details

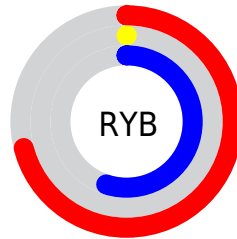
The RYB color **182, 0, 140** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **0, 148, 182**, and the grayscale version is **70, 70, 70**.

A 20% lighter version of the original color is **242, 85, 194**, and **124, 0, 90** is the 20% darker color. If you saturate the color by 10%, you get **182, 0, 140**, and if you desaturate by 10%, it is **182, 18, 144**.

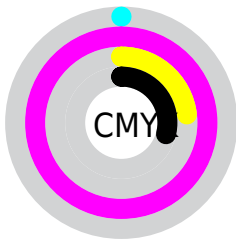
Distribution



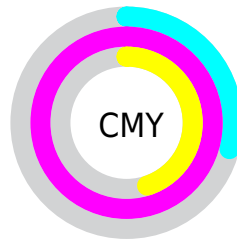
- Red (71%)
- Green (0%)
- Blue (55%)



- Red (71%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 0, 140 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, 0, 140 by changing the saturation by 10% instead.

 182, 0, 140

 182, 0, 140

255, 255, 255

 153, 0, 114

 242, 85, 194

 124, 0, 90

 255, 114, 222

 96, 0, 66

 255, 143, 251

 69, 0, 44

 255, 173, 255


 40, 0, 22

 255, 202, 255

 0, 0, 0

 255, 232, 255

 182, 0, 140

 182, 18, 144

■ 182, 36, 148

■ 182, 55, 153

■ 182, 73, 157

■ 182, 91, 161

■ 182, 109, 165

■ 182, 127, 169

■ 182, 146, 174

■ 182, 164, 178

Harmonies

Analogous

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



120, 67, 192



182, 0, 140



200, 0, 79

Triad

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



182, 0, 140



0, 101, 1



0, 72, 176

Complementary

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



182, 0, 140



0, 148, 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, 62, 121



182, 0, 140



0, 113, 106

Square

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



182, 0, 140



141, 151, 0



0, 83, 119



0, 75, 214

Rectangle

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



182, 0, 140



194, 9, 39



0, 83, 119



0, 69, 157

Sweetspot

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



182, 0, 140



237, 166, 221



39, 0, 182



120, 77, 110



247, 247, 247



120, 120, 120

Same Dimension

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



182, 0, 140



237, 0, 182



182, 0, 52



92, 83, 90



156, 0, 120



28, 0, 22

Inverse Universe

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



182, 0, 140



237, 0, 182



0, 106, 182



92, 83, 90



156, 0, 120



28, 0, 22

Previews

White Background



This preview shows how the RYB color 182, 0, 140 looks on a white background.

Color Contrast Check

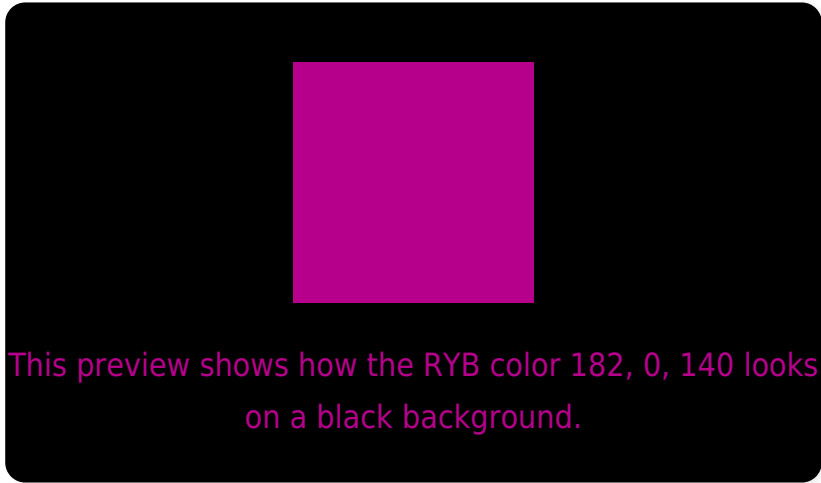
Large Text (above 18pt) WCAG AA ✓ Pass

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

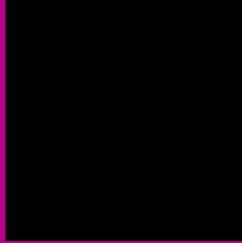
Any Text WCAG AA × Fail

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, 0, 140 Background



This preview shows how black text looks on a background with the R Y B color 182, 0, 140.



This preview shows how white text looks on a background with the R Y B color 182, 0, 140.

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, 0, 140

Protanopia

29, 77, 199

Deuteranopia

91, 96, 131



Tritanopia
176, 55, 58

Trichromacy



Original Color

182, 0, 140



Protanomaly

85, 61, 178



Deuteranomaly

124, 62, 134



Tritanomaly

178, 35, 88

Monochromacy



Original Color

182, 0, 140



Achromatopsia

70, 70, 70



Achromatomaly

111, 45, 95

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 0, 140 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, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 140)  
}
```

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, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 140) }
```

Border

The CSS property to change the border of an element to RYB 182, 0, 140 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, 0, 140) }
```

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

```
.border{ border-color:rgb(182, 0, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 0, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(182, 0,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 182, 0, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 140) }
```

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

```
.background{ background-color: rgb(182, 0,  
140) }
```

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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