

Converting Colors

`RYB(183, 40, 185)`

Have a look what the booklet for
RYB(183, 40, 185) contains.

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Color

R_{YB}(183, 40, 185)

Conversions

Conversions Part 1

Format	Color
Hex	B728B9
RGB	183, 40, 185
RGB Percent	72%, 16%, 73%
CMY	0.2824, 0.8431, 0.2745
CMYK	0.01, 0.78, 0.00, 0.27
HSL	299°, 64%, 44%
HSV	299°, 78%, 73%
XYZ	29.0442, 15.0876, 47.2803
YIQ	99.2870, 38.6830, 75.4110

Conversions

Conversions Part 2

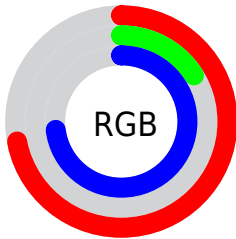
Format	Color
R_{YB}	183, 40, 185
Decimal	12003513
CIE _{Lab}	45.75, 70.60, -44.98
CIE _{LCh}	46, 83.707, 327.498
Yxy	15.0876, 0.3177, 0.1651
Android (android.graphics.Color)	4290193593 (0xFFB728B9)
YUV	99.2870, 42.2565, 73.4163
Hunter-Lab	38.8428, 65.4960, -44.9791

Details

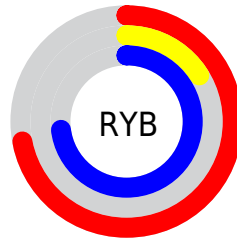
The RYB color **183, 40, 185** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **40, 185, 183**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **242, 103, 242**, and **126, 0, 131** is the 20% darker color. If you saturate the color by 10%, you get **183, 22, 185**, and if you desaturate by 10%, it is **183, 59, 185**.

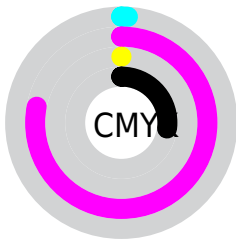
Distribution



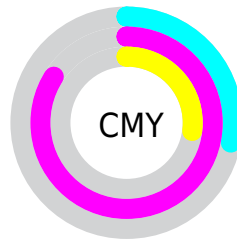
- Red (72%)
- Green (16%)
- Blue (73%)



- Red (72%)
- Yellow (16%)
- Blue (73%)



- Cyan (1%)
- Magenta (78%)
- Yellow (0%)
- Black (27%)



- Cyan (28%)
- Magenta (84%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 40, 185 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 183, 40, 185 by changing the saturation by 10% instead.

 183, 40, 185

255, 255, 255

 242, 103, 242

 255, 132, 255

 255, 160, 255

 255, 190, 255

 255, 219, 255

 255, 249, 255

 183, 40, 185

 183, 40, 185

 154, 0, 158

 126, 0, 131

 98, 0, 105

 70, 0, 81

 44, 0, 57

 0, 0, 34

 0, 0, 8

 0, 0, 0

 183, 40, 185

■ 183, 22, 185

■ 183, 59, 185

■ 182, 3, 185

■ 184, 77, 185

■ 182, 0, 185

■ 184, 96, 185

■ 184, 114, 185

■ 184, 133, 185

■ 185, 151, 185

■ 185, 170, 185

■ 185, 188, 188

■ 185, 207, 207

Harmonies

Analogous

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



72, 90, 235



183, 40, 185



222, 0, 117

Triad

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



183, 40, 185



45, 138, 0



0, 76, 172

Complementary

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



183, 40, 185



40, 185, 183

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, 78, 136



183, 40, 185



0, 123, 56

Square

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



183, 40, 185



189, 111, 0



0, 116, 132



0, 84, 228

Rectangle

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



183, 40, 185



225, 0, 72



0, 116, 132



0, 71, 149

Sweetspot

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



183, 40, 185



239, 182, 240



40, 42, 185



119, 85, 120



247, 247, 247



120, 120, 120

Same Dimension

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



183, 40, 185



237, 14, 240



185, 40, 115



92, 83, 92



153, 0, 156



28, 0, 28

Inverse Universe

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



185, 40, 42



240, 14, 17



40, 138, 185



92, 83, 83



156, 0, 2



28, 0, 0

Previews

White Background



This preview shows how the RYB color 183, 40, 185 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



This preview shows how the RYB color 183, 40, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

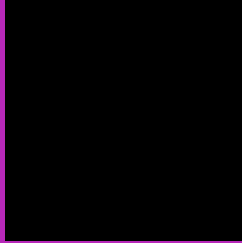
Any Text WCAG AA × Fail

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](#).

RYB 183, 40, 185 Background



This preview shows how black text looks on a background with the RYB color 183, 40, 185.

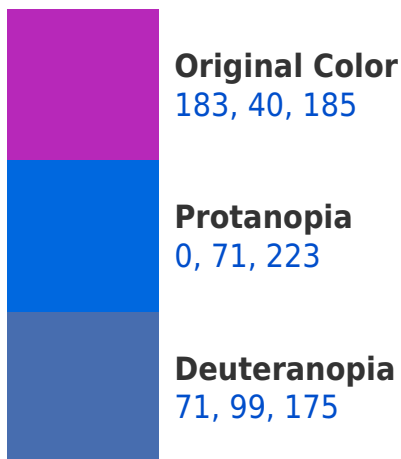


This preview shows how white text looks on a background with the RYB color 183, 40, 185.

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
172, 80, 85

Trichromacy



Original Color

183, 40, 185



Protanomaly

67, 80, 209



Deuteranomaly

112, 84, 179



Tritanomaly

176, 65, 121

Monochromacy



Original Color

183, 40, 185



Achromatopsia

99, 99, 99



Achromatomaly

130, 78, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 40, 185 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(183, 40, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 40, 185)  
}
```

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(183, 40, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 40, 185) }
```

Border

The CSS property to change the border of an element to RYB 183, 40, 185 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(183, 40, 185) }
```

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

```
.border{ border-color:rgb(183, 40, 185) }
```

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

Here you see how a box with a 4 pixel rgb(183, 40, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 40, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 40, 185);  
box-shadow:4px 4px 4px 4px rgb(183, 40,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 183, 40, 185 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 40, 185) }
```

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

```
.background{ background-color: rgb(183, 40,  
185) }
```

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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