

Converting Colors

`RYB(191, 0, 164)`

Have a look what the booklet for
RYB(191, 0, 164) contains.

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Color

R_YB(191, 0, 164)

Conversions

Conversions Part 1

Format	Color
Hex	BF00A4
RGB	191, 0, 164
RGB Percent	75%, 0%, 64%
CMY	0.2510, 1.0000, 0.3569
CMYK	0.00, 1.00, 0.14, 0.25
HSL	308°, 100%, 37%
HSV	308°, 100%, 75%
XYZ	28.1867, 13.7567, 36.2917
YIQ	75.8050, 61.1920, 91.4960

Conversions

Conversions Part 2

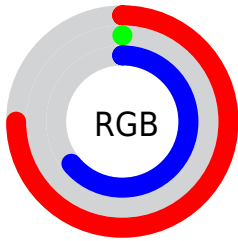
Format	Color
RYB	191, 0, 164
Decimal	12517540
CIELab	43.88, 75.32, -35.42
CIElCh	44, 83.233, 334.811
Yxy	13.7567, 0.3603, 0.1758
Android (android.graphics.Color)	4290707620 (0xFFBF00A4)
YUV	75.8050, 43.4801, 101.0260
Hunter-Lab	37.0900, 70.7442, -32.0508

Details

The RYB color **191, 0, 164** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **0, 167, 191**, and the grayscale version is **75, 75, 75**.

A 20% lighter version of the original color is **251, 88, 219**, and **133, 0, 112** is the 20% darker color. If you saturate the color by 10%, you get **191, 0, 164**, and if you desaturate by 10%, it is **191, 19, 167**.

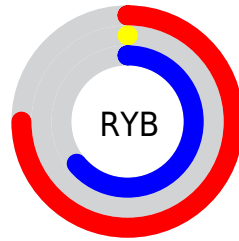
Distribution



Red (75%)

Green (0%)

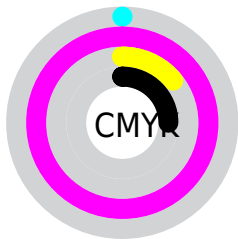
Blue (64%)



Red (75%)

Yellow (0%)

Blue (64%)

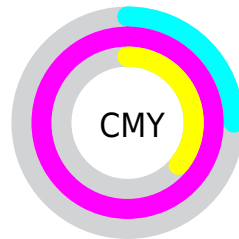


Cyan (0%)

Magenta (100%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (100%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 0, 164 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 191, 0, 164 by changing the saturation by 10% instead.

 191, 0, 164

 191, 0, 164

255, 255, 255

 162, 0, 137

 251, 88, 219

 133, 0, 112

 255, 118, 248

 104, 0, 87

 255, 148, 255

 77, 0, 63

 255, 177, 255

 49, 0, 40


 255, 207, 255

 6, 0, 17

 255, 237, 255

 0, 0, 0

 191, 0, 164

 191, 19, 167

■ 191, 38, 169

■ 191, 57, 172

■ 191, 76, 175

■ 191, 96, 178

■ 191, 115, 180

■ 191, 134, 183

■ 191, 153, 186

■ 191, 172, 188

Harmonies

Analogous

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



108, 78, 219



191, 0, 164



219, 0, 96

Triad

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



191, 0, 164



13, 117, 0



0, 76, 182

Complementary

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



191, 0, 164



0, 167, 191

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, 70, 131



191, 0, 164



0, 120, 86

Square

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



191, 0, 164



172, 136, 0



0, 99, 128



0, 82, 231

Rectangle

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



191, 0, 164



215, 0, 51



0, 99, 128



0, 72, 161

Sweetspot

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



191, 0, 164



247, 173, 237



25, 0, 191



125, 80, 119



252, 252, 252



125, 125, 125

Same Dimension

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



191, 0, 164



247, 0, 212



191, 0, 70



94, 85, 93



158, 0, 136



31, 0, 26

Inverse Universe

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



191, 0, 164



247, 0, 212



0, 117, 191



94, 85, 93



158, 0, 136



31, 0, 26

Previews

White Background



This preview shows how the RYB color 191, 0, 164 looks on a white background.

Color Contrast Check

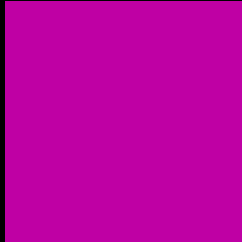
Large Text (above 18pt) WCAG AA ✓ Pass

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 191, 0, 164 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 191, 0, 164 Background



This preview shows how black text looks on a background with the RYB color 191, 0, 164.

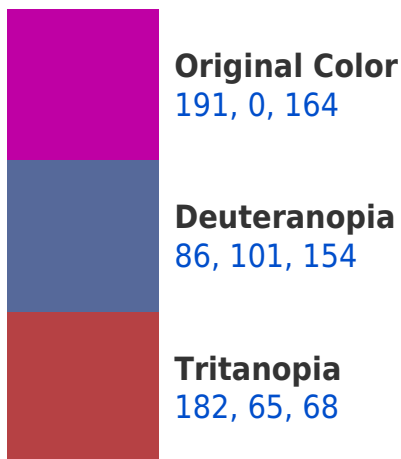


This preview shows how white text looks on a background with the RYB color 191, 0, 164.

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



Trichromacy



Original Color
191, 0, 164

Deuteranomaly
124, 67, 158

Tritanomaly
185, 41, 103

Monochromacy



Original Color
191, 0, 164

Achromatopsia
76, 76, 76

Achromatomaly
118, 48, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 0, 164 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(191, 0, 164)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 164)  
}
```

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(191, 0, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 164) }
```

Border

The CSS property to change the border of an element to RYB 191, 0, 164 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(191, 0, 164) }
```

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

```
.border{ border-color:rgb(191, 0, 164) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 164);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 191, 0, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 164) }
```

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

```
.background{ background-color: rgb(191, 0,  
164) }
```

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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