

Converting Colors

`RYB(201, 0, 126)`

Have a look what the booklet for
RYB(201, 0, 126) contains.

RYB(201, 0, 126)	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

`RYB(201, 0, 126)`

Conversions

Conversions Part 1

Format	Color
Hex	C9007E
RGB	201, 0, 126
RGB Percent	79%, 0%, 49%
CMY	0.2118, 1.0000, 0.5059
CMYK	0.00, 1.00, 0.37, 0.21
HSL	322°, 100%, 39%
HSV	322°, 100%, 79%
XYZ	27.8533, 13.9239, 20.9582
YIQ	74.4630, 79.3500, 81.7980

Conversions

Conversions Part 2

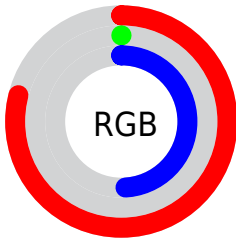
Format	Color
RYB	201, 0, 126
Decimal	13172862
CIELab	44.12, 72.96, -11.82
CIElCh	44, 73.908, 350.801
Yxy	13.9239, 0.4440, 0.2219
Android (android.graphics.Color)	4291362942 (0xFFC9007E)
YUV	74.4630, 25.4077, 110.9729
Hunter-Lab	37.3147, 67.9393, -7.1806

Details

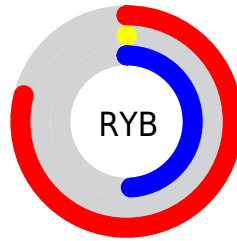
The RYB color **201, 0, 126** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **0, 146, 201**, and the grayscale version is **74, 74, 74**.

A 20% lighter version of the original color is **255, 88, 179**, and **141, 0, 77** is the 20% darker color. If you saturate the color by 10%, you get **201, 0, 126**, and if you desaturate by 10%, it is **201, 20, 134**.

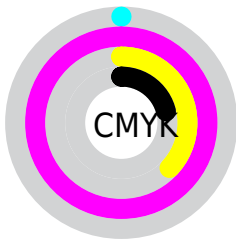
Distribution



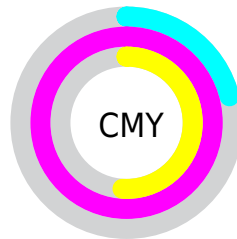
- Red (79%)
- Green (0%)
- Blue (49%)



- Red (79%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 0, 126 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 201, 0, 126 by changing the saturation by 10% instead.

 201, 0, 126

 201, 0, 126

255, 255, 255

 171, 0, 101

 255, 88, 179

 141, 0, 77

 255, 118, 206

 112, 0, 54

 255, 148, 234

 83, 0, 33

 255, 177, 255

 55, 0, 6


 255, 207, 255

 12, 0, 0

 255, 237, 255

 0, 0, 0

 201, 0, 126

 201, 20, 134

■ 201, 40, 141

■ 201, 60, 149

■ 201, 80, 156

■ 201, 101, 164

■ 201, 121, 171

■ 201, 141, 179

■ 201, 161, 186

■ 201, 181, 194

Harmonies

Analogous

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



157, 61, 183



201, 0, 126



207, 11, 65

Triad

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



201, 0, 126



0, 114, 27



0, 78, 200

Complementary

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



201, 0, 126



0, 146, 201

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, 69, 147



201, 0, 126



0, 119, 124

Square

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



201, 0, 126



72, 143, 0



0, 78, 129



0, 78, 227

Rectangle

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



201, 0, 126



195, 55, 24



0, 78, 129



0, 76, 184

Sweetspot

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



201, 0, 126



255, 179, 226



74, 0, 201



128, 82, 110



0, 0, 0



128, 128, 128

Same Dimension

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



201, 0, 126



255, 0, 160



201, 0, 27



99, 90, 96



163, 0, 102



36, 0, 22

Inverse Universe

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



201, 0, 126



255, 0, 160



0, 108, 201



99, 90, 96



163, 0, 102



36, 0, 22

Previews

White Background



This preview shows how the RYB color 201, 0, 126 looks on a white background.

Color Contrast Check

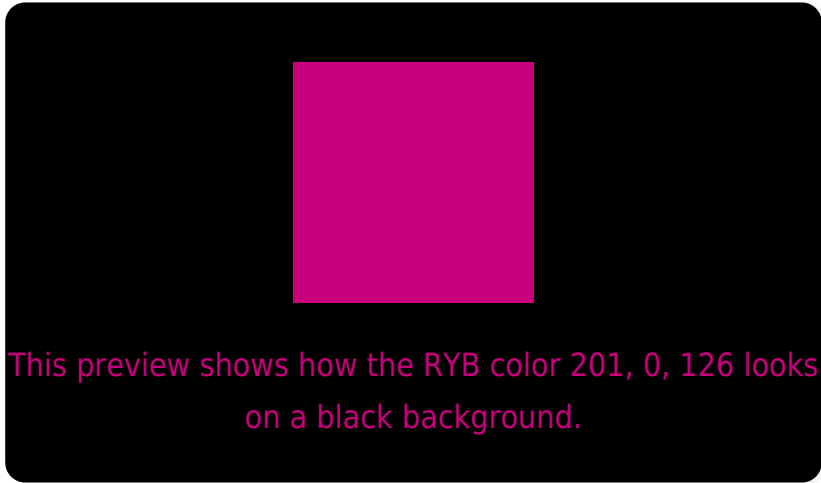
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

RYB 201, 0, 126 Background



This preview shows how black text looks on a background with the RYB color 201, 0, 126.



This preview shows how white text looks on a background with the RYB color 201, 0, 126.

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

201, 0, 126

Protanopia

74, 97, 180

Deuteranopia

112, 104, 117



Tritanopia
196, 50, 51

Trichromacy



Original Color

201, 0, 126



Protanomaly

120, 66, 160



Deuteranomaly

144, 66, 120



Tritanomaly

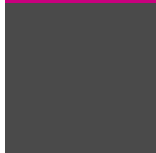
198, 32, 78

Monochromacy



Original Color

201, 0, 126



Achromatopsia

74, 74, 74



Achromatomaly

120, 47, 93

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 0, 126 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(201, 0, 126)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 126)  
}
```

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(201, 0, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 126) }
```

Border

The CSS property to change the border of an element to RYB 201, 0, 126 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(201, 0, 126) }
```

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

```
.border{ border-color:rgb(201, 0, 126) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 126);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 201, 0, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 126) }
```

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

```
.background{ background-color: rgb(201, 0,  
126) }
```

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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