

Converting Colors

`RYB(201, 25, 226)`

Have a look what the booklet for RYB(201, 25, 226) contains.

RYB(201, 25, 226)	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

R_YB(201, 25, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C919E2
RGB	201, 25, 226
RGB Percent	79%, 10%, 89%
CMY	0.2118, 0.9020, 0.1137
CMYK	0.11, 0.89, 0.00, 0.11
HSL	293°, 80%, 49%
HSV	293°, 89%, 89%
XYZ	38.1625, 18.6038, 73.5310
YIQ	100.5380, 40.3750, 99.8230

Conversions

Conversions Part 2

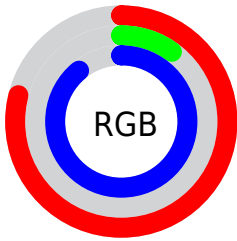
Format	Color
R _Y B	201, 25, 226
Decimal	13179362
CIE Lab	50.22, 83.43, -61.30
CIE LCh	50, 103.530, 323.697
Yxy	18.6038, 0.2929, 0.1428
Android (android.graphics.Color)	4291369442 (0xFFC919E2)
YUV	100.5380, 61.8528, 88.1052
Hunter-Lab	43.1321, 82.4525, -70.8844

Details

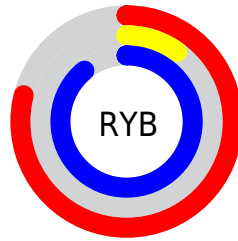
The RYB color **201, 25, 226** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **25, 226, 201**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **255, 100, 255**, and **142, 0, 170** is the 20% darker color. If you saturate the color by 10%, you get **198, 2, 226**, and if you desaturate by 10%, it is **204, 48, 226**.

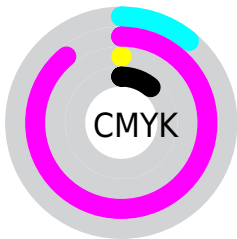
Distribution



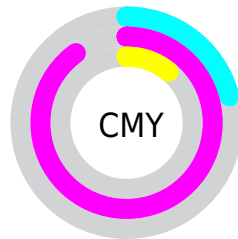
- Red (79%)
- Green (10%)
- Blue (89%)



- Red (79%)
- Yellow (10%)
- Blue (89%)



- Cyan (11%)
- Magenta (89%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (90%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 25, 226 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, 25, 226 by changing the saturation by 10% instead.



201, 25, 226



201, 25, 226

255, 255, 255



171, 0, 197



255, 100, 255



142, 0, 170



255, 131, 255



112, 0, 142



255, 161, 255



83, 0, 116



255, 190, 255



56, 0, 91



255, 220, 255



21, 0, 66



255, 251, 255



0, 3, 42



0, 1, 21



0, 0, 0

■ 201, 25, 226

■ 201, 25, 226

■ 198, 2, 226

■ 204, 48, 226

■ 198, 0, 226

■ 207, 70, 226

■ 209, 93, 226

■ 212, 115, 226

■ 215, 138, 226

■ 218, 161, 226

■ 221, 183, 226

■ 223, 206, 226

■ 226, 228, 228

Harmonies

Analogous

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



0, 75, 255



201, 25, 226



255, 0, 142

Triad

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



201, 25, 226



75, 161, 0



0, 85, 189

Complementary

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



201, 25, 226



25, 226, 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, 92, 151



201, 25, 226



0, 135, 60

Square

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



201, 25, 226



223, 78, 0



0, 146, 146



0, 95, 255

Rectangle

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



201, 25, 226



255, 0, 85



0, 146, 146



0, 78, 159

Sweetspot

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



201, 25, 226



246, 186, 255



25, 49, 226



122, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 25, 226



223, 0, 255



226, 25, 152



111, 101, 112



154, 0, 176



42, 0, 48

Inverse Universe

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



226, 25, 50



255, 0, 32



25, 172, 226



112, 101, 102



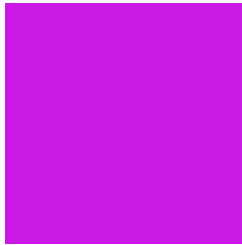
176, 0, 22



48, 0, 6

Previews

White Background



This preview shows how the RYB color 201, 25, 226 looks on a white background.

Color Contrast Check

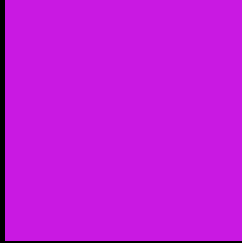
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 201, 25, 226 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 201, 25, 226 Background



This preview shows how black text looks on a background with the RYP color 201, 25, 226.

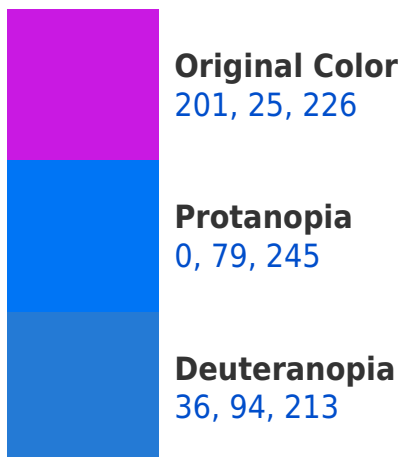


This preview shows how white text looks on a background with the RYP color 201, 25, 226.

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
185, 91, 97

Trichromacy



Original Color

201, 25, 226



Protanomaly

73, 82, 238



Deuteranomaly

96, 87, 218



Tritanomaly

191, 67, 144

Monochromacy



Original Color

201, 25, 226



Achromatopsia

101, 101, 101



Achromatomaly

137, 73, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 25, 226 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, 25, 226) looks like.

```
.text, #text, p{  
    color:rgb(201, 25, 226)  
}
```

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, 25, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 25, 226) }
```

Border

The CSS property to change the border of an element to RYB 201, 25, 226 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, 25, 226) }
```

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

```
.border{ border-color:rgb(201, 25, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 25, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 25, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 25, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 25,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 201, 25, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 25, 226) }
```

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

```
.background{ background-color: rgb(201, 25,  
226) }
```

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