

Converting Colors

`RYB(219, 23, 226)`

Have a look what the booklet for RYB(219, 23, 226) contains.

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Color

R_YB(219, 23, 226)

Conversions

Conversions Part 1

Format	Color
Hex	DB17E2
RGB	219, 23, 226
RGB Percent	86%, 9%, 89%
CMY	0.1412, 0.9098, 0.1137
CMYK	0.03, 0.90, 0.00, 0.11
HSL	298°, 82%, 49%
HSV	298°, 90%, 89%
XYZ	43.2473, 21.1638, 73.7572
YIQ	104.7460, 51.6530, 104.6850

Conversions

Conversions Part 2

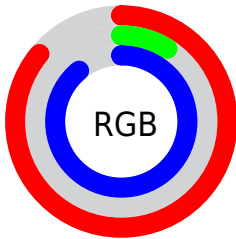
Format	Color
R _{YB}	219, 23, 226
Decimal	14358498
CIE Lab	53.13, 86.60, -56.46
CIE LCh	53, 103.384, 326.898
Yxy	21.1638, 0.3130, 0.1532
Android (android.graphics.Color)	4292548578 (0xFFDB17E2)
YUV	104.7460, 59.7782, 100.2008
Hunter-Lab	46.0042, 87.2957, -62.8550

Details

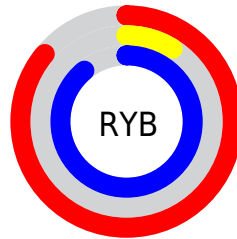
The RYB color **219, 23, 226** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **23, 226, 219**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **255, 103, 255**, and **159, 0, 170** is the 20% darker color. If you saturate the color by 10%, you get **218, 0, 226**, and if you desaturate by 10%, it is **220, 46, 226**.

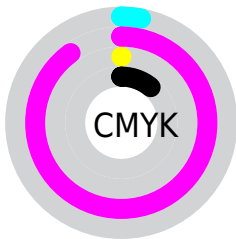
Distribution



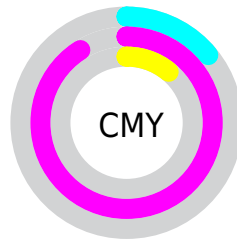
- Red (86%)
- Green (9%)
- Blue (89%)



- Red (86%)
- Yellow (9%)
- Blue (89%)



- Cyan (3%)
- Magenta (90%)
- Yellow (0%)
- Black (11%)




















- Cyan (14%)
- Magenta (91%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 23, 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 219, 23, 226 by changing the saturation by 10% instead.

 219, 23, 226	 219, 23, 226
 255, 255, 255	 189, 0, 198
 255, 103, 255	 159, 0, 170
 255, 134, 255	 130, 0, 143
 255, 164, 255	 100, 0, 116
 255, 194, 255	 72, 0, 91
 255, 225, 255	 43, 0, 66
	 0, 0, 43
	 0, 1, 21
	 0, 0, 0

■ 219, 23, 226

■ 219, 23, 226

■ 218, 0, 226

■ 220, 46, 226

■ 221, 68, 226

■ 221, 91, 226

■ 222, 113, 226

■ 223, 136, 226

■ 224, 159, 226

■ 224, 181, 226

■ 225, 204, 226

■ 226, 226, 226

Harmonies

Analogous

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



59, 98, 255



219, 23, 226



255, 0, 140

Triad

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



219, 23, 226



57, 163, 0



0, 90, 206

Complementary

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



219, 23, 226



23, 226, 219

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, 93, 160



219, 23, 226



0, 144, 72

Square

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



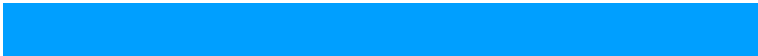
219, 23, 226



227, 110, 0



0, 155, 155



0, 98, 255

Rectangle

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



219, 23, 226



255, 0, 82



0, 155, 155



0, 84, 177

Sweetspot

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



219, 23, 226



253, 186, 255



23, 33, 226



126, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 23, 226



246, 0, 255



226, 23, 135



112, 101, 112



170, 0, 176



47, 0, 48

Inverse Universe

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



226, 23, 30



255, 0, 9



23, 163, 226



112, 101, 101



176, 0, 6



48, 0, 2

Previews

White Background



This preview shows how the RYB color 219, 23, 226 looks on a white background.

Color Contrast Check

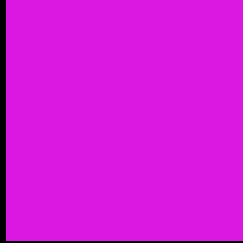
Large Text (above 18pt) WCAG AA ✓ Pass

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 219, 23, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

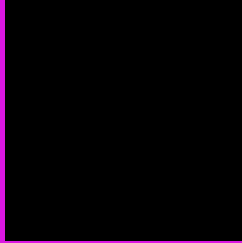
Any Text WCAG AA ✓ Pass

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](#).

RYB 219, 23, 226 Background



This preview shows how black text looks on a background with the RYB color 219, 23, 226.

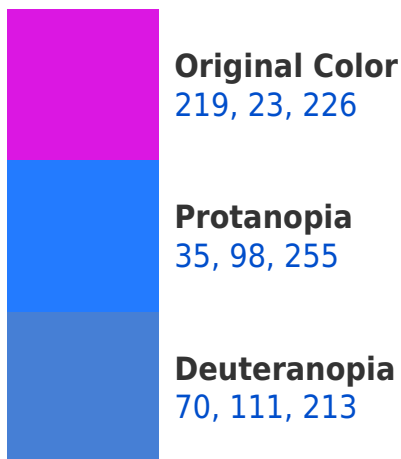


This preview shows how white text looks on a background with the RYB color 219, 23, 226.

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
204, 90, 97

Trichromacy



Original Color

219, 23, 226



Protanomaly

102, 87, 244



Deuteranomaly

124, 90, 218



Tritanomaly

209, 66, 144

Monochromacy



Original Color

219, 23, 226



Achromatopsia

105, 105, 105



Achromatomaly

146, 75, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 23, 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(219, 23, 226)` looks like.

```
.text, #text, p{  
    color:rgb(219, 23, 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(219, 23, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 23, 226) }
```

Border

The CSS property to change the border of an element to RYB 219, 23, 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(219, 23, 226) }
```

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

```
.border{ border-color:rgb(219, 23, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 23, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 23, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 23, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 23,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 219, 23, 226 is called "background".

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

```
.background, #background, body{  
background: rgb(219, 23, 226) }
```

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

```
.background{ background-color: rgb(219, 23,  
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](#).

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