

Converting Colors

`RYB(198, 25, 226)`

Have a look what the booklet for RYB(198, 25, 226) contains.

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Color

R_YB(198, 25, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C619E2
RGB	198, 25, 226
RGB Percent	78%, 10%, 89%
CMY	0.2235, 0.9020, 0.1137
CMYK	0.12, 0.89, 0.00, 0.11
HSL	292°, 80%, 49%
HSV	292°, 89%, 89%
XYZ	37.3638, 18.1920, 73.4936
YIQ	99.6410, 38.5870, 99.1870

Conversions

Conversions Part 2

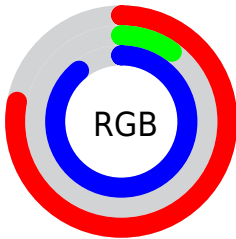
Format	Color
R _Y B	198, 25, 226
Decimal	12982754
CIE Lab	49.73, 82.96, -62.11
CIE LCh	50, 103.640, 323.178
Yxy	18.1920, 0.2895, 0.1410
Android (android.graphics.Color)	4291172834 (0xFFC619E2)
YUV	99.6410, 62.2950, 86.2608
Hunter-Lab	42.6521, 81.7272, -72.3058

Details

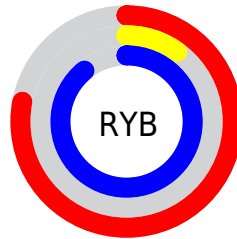
The RYB color **198, 25, 226** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **25, 226, 198**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **255, 100, 255**, and **139, 0, 170** is the 20% darker color. If you saturate the color by 10%, you get **195, 2, 226**, and if you desaturate by 10%, it is **201, 48, 226**.

Distribution



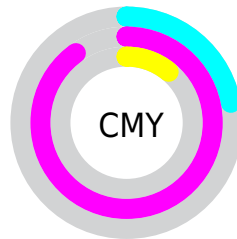
- Red (78%)
- Green (10%)
- Blue (89%)



- Red (78%)
- Yellow (10%)
- Blue (89%)



- Cyan (12%)
- Magenta (89%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (90%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 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 198, 25, 226 by changing the saturation by 10% instead.



198, 25, 226



198, 25, 226

255, 255, 255



168, 0, 197



255, 100, 255



139, 0, 170



255, 130, 255



110, 0, 142



255, 160, 255



80, 0, 116



255, 190, 255



53, 0, 91



255, 220, 255



17, 0, 66



255, 250, 255



0, 3, 42



0, 1, 21



0, 0, 0

■ 198, 25, 226

■ 198, 25, 226

■ 195, 2, 226

■ 201, 48, 226

■ 195, 0, 226

■ 204, 70, 226

■ 207, 93, 226

■ 211, 115, 226

■ 214, 138, 226

■ 217, 161, 226

■ 220, 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, 74, 255



198, 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.



198, 25, 226



79, 161, 0



0, 84, 186

Complementary

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



198, 25, 226



25, 226, 198

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, 150



198, 25, 226



0, 133, 57

Square

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



198, 25, 226



223, 73, 0



0, 145, 145



0, 94, 255

Rectangle

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



198, 25, 226



255, 0, 85



0, 145, 145



0, 77, 157

Sweetspot

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



198, 25, 226



245, 186, 255



25, 51, 226



122, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 25, 226



219, 0, 255



226, 25, 156



111, 101, 112



151, 0, 176



42, 0, 48

Inverse Universe

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



226, 25, 53



255, 0, 36



25, 174, 226



112, 101, 103



176, 0, 25



48, 0, 7

Previews

White Background



This preview shows how the RYB color 198, 25, 226 looks on a white background.

Color Contrast Check

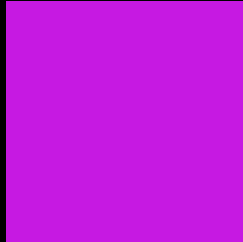
Large Text (above 18pt) WCAG AA ✓ Pass

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 198, 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 198, 25, 226 Background



This preview shows how black text looks on a background with the RYB color 198, 25, 226.

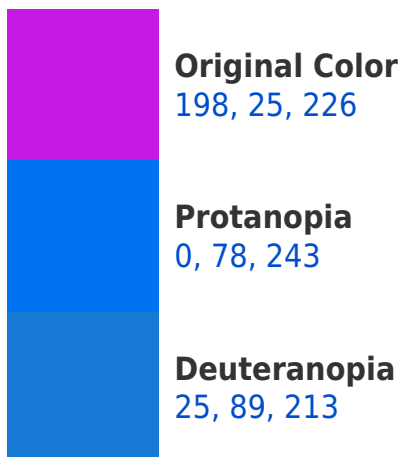


This preview shows how white text looks on a background with the RYB color 198, 25, 226.

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
181, 91, 97

Trichromacy



Original Color

198, 25, 226



Protanomaly

72, 81, 237



Deuteranomaly

88, 86, 218



Tritanomaly

187, 67, 144

Monochromacy



Original Color

198, 25, 226



Achromatopsia

100, 100, 100



Achromatomaly

136, 73, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 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(198, 25, 226) looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 25, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 25, 226) }
```

Border

The CSS property to change the border of an element to RYB 198, 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(198, 25, 226) }
```

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

```
.border{ border-color:rgb(198, 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(198, 25, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 25, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 25, 226);  
box-shadow:4px 4px 4px 4px rgb(198, 25,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 198, 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(198, 25, 226) }
```

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

```
.background{ background-color: rgb(198, 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](#).

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