

Converting Colors

`RYB(222, 94, 199)`

Have a look what the booklet for
RYB(222, 94, 199) contains.

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Color

R_YB(222, 94, 199)

Conversions

Conversions Part 1

Format	Color
Hex	DE5EC7
RGB	222, 94, 199
RGB Percent	87%, 37%, 78%
CMY	0.1294, 0.6314, 0.2196
CMYK	0.00, 0.58, 0.10, 0.13
HSL	311°, 66%, 62%
HSV	311°, 58%, 87%
XYZ	44.4357, 27.6585, 57.0294
YIQ	144.2420, 42.5830, 59.7910

Conversions

Conversions Part 2

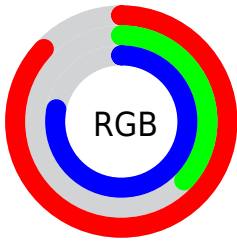
Format	Color
RYB	222, 94, 199
Decimal	14573255
CIELab	59.58, 62.29, -30.91
CIElCh	60, 69.537, 333.610
Yxy	27.6585, 0.3441, 0.2142
Android (android.graphics.Color)	4292763335 (0xFFDE5EC7)
YUV	144.2420, 26.9957, 68.1938
Hunter-Lab	52.5914, 58.7840, -27.4794

Details

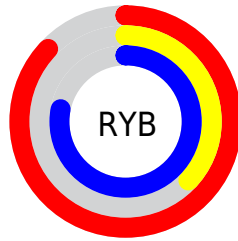
The RYB color **222, 94, 199** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **94, 203, 222**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 150, 255**, and **164, 33, 145** is the 20% darker color. If you saturate the color by 10%, you get **222, 72, 195**, and if you desaturate by 10%, it is **222, 116, 203**.

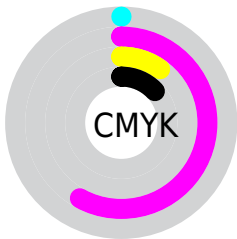
Distribution



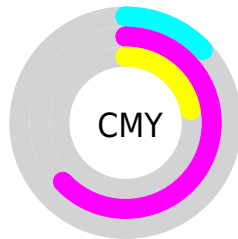
- Red (87%)
- Green (37%)
- Blue (78%)



- Red (87%)
- Yellow (37%)
- Blue (78%)



- Cyan (0%)
- Magenta (58%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 94, 199 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 222, 94, 199 by changing the saturation by 10% instead.



222, 94, 199



222, 94, 199

255, 255, 255



193, 65, 171



255, 150, 255



164, 33, 145



255, 179, 255



136, 0, 119



255, 207, 255



108, 0, 94



255, 237, 255



81, 0, 70



57, 0, 47



24, 0, 25



0, 0, 0



222, 94, 199



222, 94, 199

■ 222, 72, 195

■ 222, 116, 203

■ 222, 50, 191

■ 222, 138, 207

■ 222, 27, 187

■ 222, 161, 211

■ 222, 5, 183

■ 222, 183, 215

■ 222, 0, 182

■ 222, 205, 219

■ 222, 226, 227

■ 222, 245, 249

■ 222, 248, 255

■ 222, 246, 255

Harmonies

Analogous

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



152, 124, 246



222, 94, 199



250, 78, 139

Triad

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



222, 94, 199



25, 165, 0



0, 94, 210

Complementary

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



222, 94, 199



94, 203, 222

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, 91, 171



222, 94, 199



22, 159, 79

Square

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



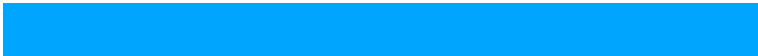
222, 94, 199



206, 214, 22



0, 111, 168



0, 100, 253

Rectangle

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



222, 94, 199



250, 84, 98



0, 111, 168



0, 90, 191

Sweetspot

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



222, 94, 199



255, 212, 247



115, 94, 222



128, 102, 123



0, 0, 0



128, 128, 128

Same Dimension

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



222, 94, 199



255, 79, 223



222, 94, 137



112, 101, 110



176, 0, 144



48, 0, 40

Inverse Universe

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



222, 94, 199



255, 79, 223



94, 171, 222



112, 101, 110



176, 0, 144



48, 0, 40

Previews

White Background



This preview shows how the RYB color 222, 94, 199 looks on a white background.

Color Contrast Check

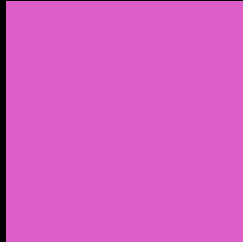
Large Text (above 18pt) WCAG AA ✓ Pass

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 222, 94, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

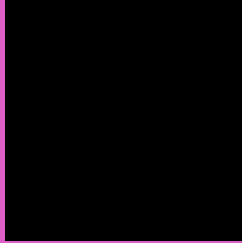
Any Text WCAG AA ✓ Pass

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](#).

R Y B 222, 94, 199 Background



This preview shows how black text looks on a background with the RYB color 222, 94, 199.

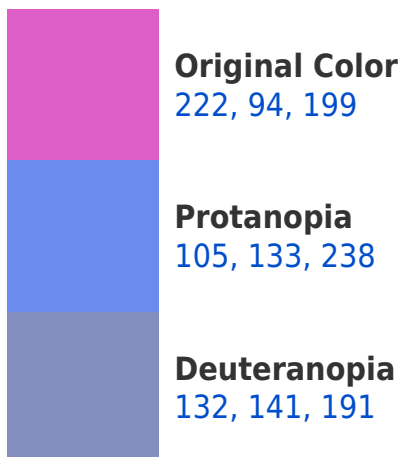


This preview shows how white text looks on a background with the RYB color 222, 94, 199.

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
214, 114, 122

Trichromacy



Original Color
222, 94, 199



Protanomaly
148, 124, 224



Deuteranomaly
165, 125, 194



Tritanomaly
217, 107, 150

Monochromacy



Original Color
222, 94, 199



Achromatopsia
144, 144, 144



Achromatomaly
172, 126, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 94, 199 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(222, 94, 199)` looks like.

```
.text, #text, p{  
    color:rgb(222, 94, 199)  
}
```

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(222, 94, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 94, 199) }
```

Border

The CSS property to change the border of an element to RYB 222, 94, 199 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(222, 94, 199) }
```

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

```
.border{ border-color:rgb(222, 94, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 94, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 94, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 94, 199);  
box-shadow:4px 4px 4px 4px rgb(222, 94,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 222, 94, 199 is called "background".

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

```
.background, #background, body{  
background: rgb(222, 94, 199) }
```

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

```
.background{ background-color: rgb(222, 94,  
199) }
```

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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