

Converting Colors

`RYB(195, 92, 224)`

Have a look what the booklet for
RYB(195, 92, 224) contains.

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Color

R_YB(195, 92, 224)

Conversions

Conversions Part 1

Format	Color
Hex	C35CE0
RGB	195, 92, 224
RGB Percent	76%, 36%, 88%
CMY	0.2353, 0.6392, 0.1216
CMYK	0.13, 0.59, 0.00, 0.12
HSL	287°, 68%, 62%
HSV	287°, 59%, 88%
XYZ	39.7874, 24.6382, 73.1796
YIQ	137.8450, 19.0160, 62.8880

Conversions

Conversions Part 2

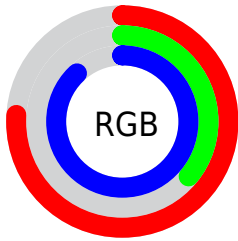
Format	Color
RYB	195, 92, 224
Decimal	12803296
CIELab	56.72, 60.58, -49.81
CIELCh	57, 78.423, 320.572
Yxy	24.6382, 0.2891, 0.1790
Android (android.graphics.Color)	4290993376 (0xFFC35CE0)
YUV	137.8450, 42.4744, 50.1249
Hunter-Lab	49.6369, 56.2154, -52.6654

Details

The RYB color **195, 92, 224** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **92, 224, 195**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **254, 147, 255**, and **138, 34, 168** is the 20% darker color. If you saturate the color by 10%, you get **190, 70, 224**, and if you desaturate by 10%, it is **200, 114, 224**.

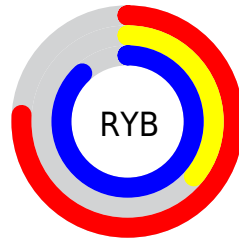
Distribution



Red (76%)

Green (36%)

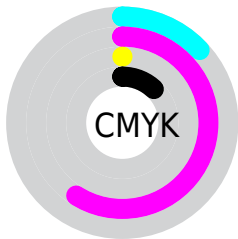
Blue (88%)



Red (76%)

Yellow (36%)

Blue (88%)

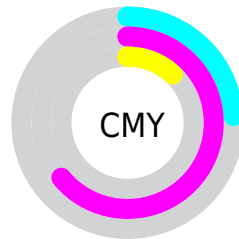


Cyan (13%)

Magenta (59%)

Yellow (0%)

Black (12%)



Cyan (24%)

















Magenta (64%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 92, 224 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 195, 92, 224 by changing the saturation by 10% instead.

 195, 92, 224	 195, 92, 224
 255, 255, 255	 166, 64, 196
 254, 147, 255	 138, 34, 168
 255, 175, 255	 110, 0, 141
 255, 204, 255	 83, 0, 115
 255, 233, 255	 56, 0, 90
	 30, 0, 66
	 0, 0, 42
	 0, 1, 20
	 0, 0, 0

■ 195, 92, 224

■ 195, 92, 224

■ 190, 70, 224

■ 200, 114, 224

■ 185, 47, 224

■ 205, 137, 224

■ 180, 25, 224

■ 210, 159, 224

■ 175, 2, 224

■ 215, 182, 224

■ 175, 0, 224

■ 220, 204, 224

■ 224, 226, 225

■ 224, 249, 244

■ 224, 255, 245

■ 224, 255, 240

Harmonies

Analogous

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



72, 115, 255



195, 92, 224



245, 54, 161

Triad

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



195, 92, 224



83, 182, 0



0, 87, 182

Complementary

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



195, 92, 224



92, 224, 195

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, 98, 164



195, 92, 224



0, 147, 27

Square

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



195, 92, 224



229, 128, 24



0, 129, 159



0, 97, 241

Rectangle

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



195, 92, 224



255, 49, 115



0, 129, 159



0, 85, 166

Sweetspot

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



195, 92, 224



245, 209, 255



92, 117, 224



121, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 92, 224



215, 74, 255



224, 92, 189



110, 101, 112



137, 0, 176



38, 0, 48

Inverse Universe

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



224, 92, 121



255, 74, 114



92, 196, 224



112, 101, 103



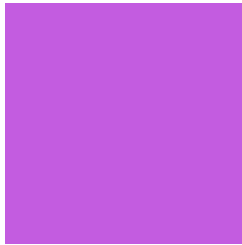
176, 0, 39



48, 0, 11

Previews

White Background



This preview shows how the RYB color 195, 92, 224 looks on a white background.

Color Contrast Check

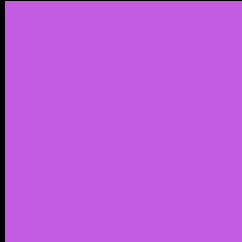
Large Text (above 18pt) WCAG AA ✓ Pass

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 195, 92, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

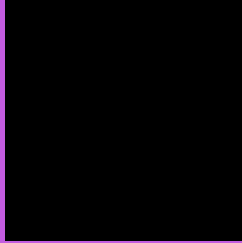
Any Text WCAG AA ✓ Pass

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 195, 92, 224 Background



This preview shows how black text looks on a background with the RYP color 195, 92, 224.

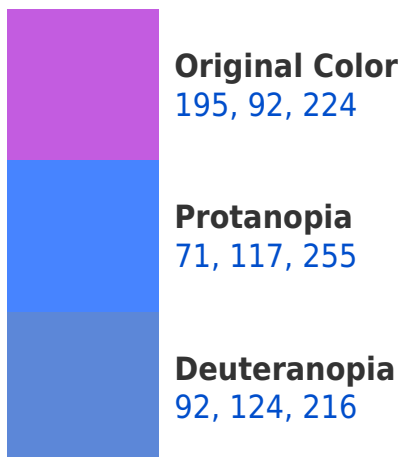



This preview shows how white text looks on a background with the RYP color 195, 92, 224.

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, 119, 128

Trichromacy



Original Color
195, 92, 224



Protanomaly
116, 117, 244



Deuteranomaly
129, 120, 219



Tritanomaly
186, 109, 163

Monochromacy



Original Color
195, 92, 224



Achromatopsia
138, 138, 138



Achromatomaly
159, 121, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 92, 224 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(195, 92, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 92, 224)  
}
```

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(195, 92, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 92, 224) }
```

Border

The CSS property to change the border of an element to RYB 195, 92, 224 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(195, 92, 224) }
```

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

```
.border{ border-color:rgb(195, 92, 224) }
```

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

Here you see how a box with a 4 pixel rgb(195, 92, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 92, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 92, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 92,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 195, 92, 224 is called "background".

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

```
.background, #background, body{  
background: rgb(195, 92, 224) }
```

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

```
.background{ background-color: rgb(195, 92,  
224) }
```

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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