

Converting Colors

`RYB(211, 110, 224)`

Have a look what the booklet for
RYB(211, 110, 224) contains.

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Color

R_YB(211, 110, 224)

Conversions

Conversions Part 1

Format	Color
Hex	D36EE0
RGB	211, 110, 224
RGB Percent	83%, 43%, 88%
CMY	0.1725, 0.5686, 0.1216
CMYK	0.06, 0.51, 0.00, 0.12
HSL	293°, 65%, 65%
HSV	293°, 51%, 88%
XYZ	45.8944, 30.3826, 73.9665
YIQ	153.1950, 23.6020, 56.8660

Conversions

Conversions Part 2

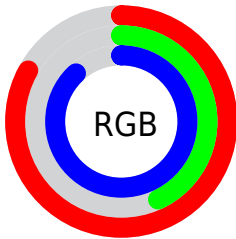
Format	Color
R _Y B	211, 110, 224
Decimal	13856480
CIE Lab	61.98, 56.13, -41.36
CIE LCh	62, 69.723, 323.614
Yxy	30.3826, 0.3055, 0.2022
Android (android.graphics.Color)	4292046560 (0xFFD36EE0)
YUV	153.1950, 34.9069, 50.6950
Hunter-Lab	55.1204, 52.1624, -40.9775

Details

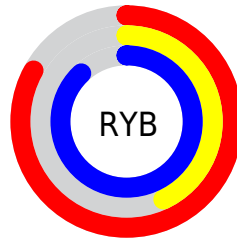
The RYB color **211, 110, 224** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **110, 224, 211**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **255, 165, 255**, and **154, 56, 168** is the 20% darker color. If you saturate the color by 10%, you get **208, 88, 224**, and if you desaturate by 10%, it is **214, 132, 224**.

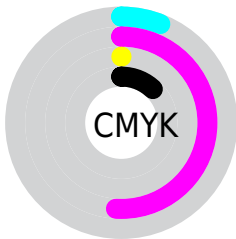
Distribution



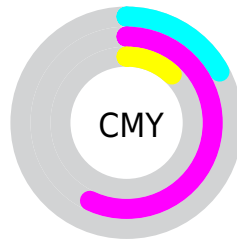
- Red (83%)
- Green (43%)
- Blue (88%)



- Red (83%)
- Yellow (43%)
- Blue (88%)



- Cyan (6%)
- Magenta (51%)
- Yellow (0%)
- Black (12%)





- Cyan (17%)
- Magenta (57%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 110, 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 211, 110, 224 by changing the saturation by 10% instead.

 211, 110, 224

 211, 110, 224

255, 255, 255

 182, 83, 196

 255, 165, 255

 154, 56, 168

 255, 193, 255

 126, 25, 141

 255, 222, 255

 99, 0, 115

 255, 251, 255


 72, 0, 90


 48, 0, 66


 17, 0, 43


 0, 1, 21

 0, 0, 0

 211, 110, 224


 211, 110, 224

 208, 88, 224


 214, 132, 224


 206, 65, 224

 216, 155, 224

 203, 43, 224

 219, 177, 224

 201, 20, 224

 221, 200, 224

 198, 0, 224

 224, 222, 224

 224, 244, 242

 224, 255, 250

 224, 255, 248

 224, 255, 245

Harmonies

Analogous

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



121, 137, 255



211, 110, 224



253, 87, 166

Triad

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



211, 110, 224



64, 190, 0



0, 94, 198

Complementary

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



211, 110, 224



110, 224, 211

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, 101, 177



211, 110, 224



3, 161, 32

Square

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



211, 110, 224



234, 158, 48



38, 146, 172



0, 102, 249

Rectangle

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



211, 110, 224



255, 86, 124



38, 146, 172



0, 89, 178

Sweetspot

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



211, 110, 224



251, 217, 255



110, 122, 224



125, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 110, 224



237, 99, 255



224, 110, 180



111, 101, 112



156, 0, 176



43, 0, 48

Inverse Universe

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



224, 110, 123



255, 99, 117



110, 192, 224



112, 101, 102



176, 0, 20



48, 0, 6

Previews

White Background



This preview shows how the RYB color 211, 110, 224 looks on a white background.

Color Contrast Check

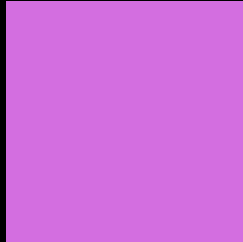
Large Text (above 18pt) WCAG AA × Fail

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 211, 110, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

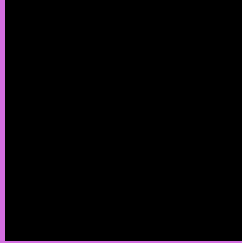
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 211, 110, 224 Background



This preview shows how black text looks on a background with the RYB color 211, 110, 224.

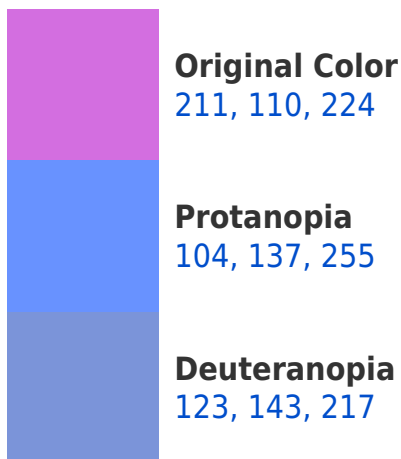


This preview shows how white text looks on a background with the RYB color 211, 110, 224.

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
200, 131, 140

Trichromacy



Original Color

211, 110, 224



Protanomaly

143, 134, 244



Deuteranomaly

155, 135, 220



Tritanomaly

204, 123, 171

Monochromacy



Original Color

211, 110, 224



Achromatopsia

153, 153, 153



Achromatomaly

174, 137, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 110, 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(211, 110, 224)` looks like.

```
.text, #text, p{  
    color:rgb(211, 110, 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(211, 110, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 110, 224) }
```

Border

The CSS property to change the border of an element to RYB 211, 110, 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(211, 110, 224) }
```

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

```
.border{ border-color:rgb(211, 110, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 110, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 110, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 110, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 110,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 211, 110, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 110, 224) }
```

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

```
.background{ background-color: rgb(211,  
110, 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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