

Converting Colors

`RYB(224, 96, 211)`

Have a look what the booklet for
RYB(224, 96, 211) contains.

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Color

`RYB(224, 96, 211)`

Conversions

Conversions Part 1

Format	Color
Hex	E060D3
RGB	224, 96, 211
RGB Percent	88%, 38%, 83%
CMY	0.1216, 0.6235, 0.1725
CMYK	0.00, 0.57, 0.06, 0.12
HSL	306°, 67%, 63%
HSV	306°, 57%, 88%
XYZ	46.6812, 28.9162, 64.7490
YIQ	147.3820, 39.3730, 62.9010

Conversions

Conversions Part 2

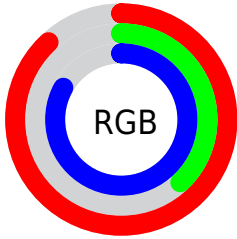
Format	Color
R_{YB}	224, 96, 211
Decimal	14704851
CIE _{Lab}	60.71, 63.86, -35.93
CIE _{LCh}	61, 73.270, 330.634
Yxy	28.9162, 0.3326, 0.2060
Android (android.graphics.Color)	4292894931 (0xFFE060D3)
YUV	147.3820, 31.3637, 67.1940
Hunter-Lab	53.7738, 60.8524, -33.7495

Details

The RYB color **224, 96, 211** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **96, 212, 224**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 152, 255**, and **166, 35, 156** is the 20% darker color. If you saturate the color by 10%, you get **224, 74, 209**, and if you desaturate by 10%, it is **224, 118, 213**.

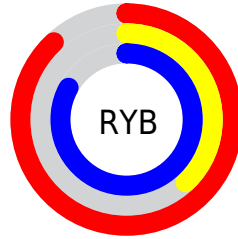
Distribution



Red (88%)

Green (38%)

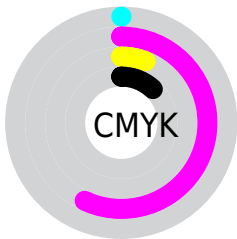
Blue (83%)



Red (88%)

Yellow (38%)

Blue (83%)

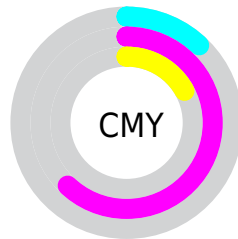


Cyan (0%)

Magenta (57%)

Yellow (6%)

Black (12%)



Cyan (12%)
















Magenta (62%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 96, 211 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 224, 96, 211 by changing the saturation by 10% instead.

 224, 96, 211	 224, 96, 211
255, 255, 255	 195, 67, 183
 255, 152, 255	 166, 35, 156
 255, 181, 255	 137, 0, 130
 255, 210, 255	 110, 0, 104
 255, 239, 255	 82, 0, 79
	 58, 0, 56
	 28, 0, 34
	 0, 0, 6
	 0, 0, 0

■ 224, 96, 211

■ 224, 96, 211

■ 224, 74, 209

■ 224, 118, 213

■ 224, 51, 206

■ 224, 141, 216

■ 224, 29, 204

■ 224, 163, 218

■ 224, 6, 202

■ 224, 186, 220

■ 224, 0, 201

■ 224, 208, 222

■ 224, 229, 230

■ 224, 250, 253

■ 224, 251, 255

■ 224, 249, 255

Harmonies

Analogous

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



144, 128, 255



224, 96, 211



255, 75, 148

Triad

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



224, 96, 211



36, 174, 0



0, 96, 211

Complementary

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



224, 96, 211



96, 212, 224

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, 95, 175



224, 96, 211



0, 161, 51

Square

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



224, 96, 211



224, 205, 22



0, 117, 171



0, 102, 255

Rectangle

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



224, 96, 211



255, 80, 105



0, 117, 171



0, 91, 190

Sweetspot

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



224, 96, 211



255, 212, 251



109, 96, 224



128, 102, 125



0, 0, 0



128, 128, 128

Same Dimension

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



224, 96, 211



255, 79, 237



224, 96, 147



112, 101, 111



176, 0, 158



48, 0, 44

Inverse Universe

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



224, 96, 211



255, 79, 237



96, 176, 224



112, 101, 111



176, 0, 158



48, 0, 44

Previews

White Background



This preview shows how the RYB color 224, 96, 211 looks on a white background.

Color Contrast Check

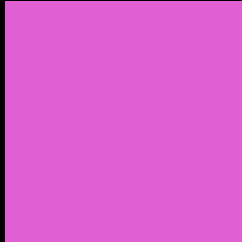
Large Text (above 18pt) WCAG AA ✓ Pass

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 224, 96, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

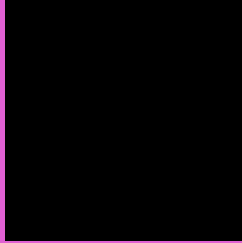
Any Text WCAG AA ✓ Pass

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 224, 96, 211 Background



This preview shows how black text looks on a background with the RYB color 224, 96, 211.

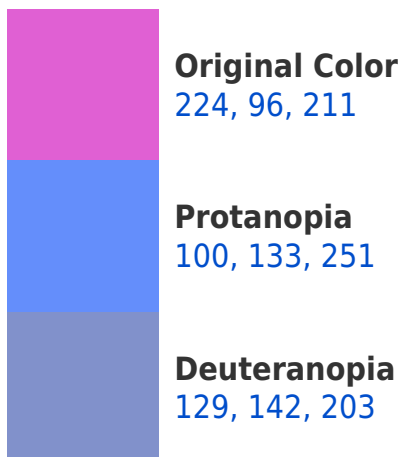


This preview shows how white text looks on a background with the RYB color 224, 96, 211.

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, 118, 126

Trichromacy



Original Color
224, 96, 211



Protanomaly
145, 126, 236



Deuteranomaly
164, 127, 206



Tritanomaly
218, 110, 157

Monochromacy



Original Color
224, 96, 211



Achromatopsia
147, 147, 147



Achromatomaly
175, 128, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 96, 211 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(224, 96, 211) looks like.

```
.text, #text, p{  
    color:rgb(224, 96, 211)  
}
```

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(224, 96, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 96, 211) }
```

Border

The CSS property to change the border of an element to RYB 224, 96, 211 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(224, 96, 211) }
```

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

```
.border{ border-color:rgb(224, 96, 211) }
```

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

Here you see how a box with a 4 pixel rgb(224, 96, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 96, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 96, 211);  
box-shadow:4px 4px 4px 4px rgb(224, 96,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 224, 96, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 96, 211) }
```

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

```
.background{ background-color: rgb(224, 96,  
211) }
```

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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