

Converting Colors

`RYB(224, 108, 239)`

Have a look what the booklet for
RYB(224, 108, 239) contains.

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Color

R_YB(224, 108, 239)

Conversions

Conversions Part 1

Format	Color
Hex	E06CEF
RGB	224, 108, 239
RGB Percent	88%, 42%, 94%
CMY	0.1216, 0.5765, 0.0627
CMYK	0.06, 0.55, 0.00, 0.06
HSL	293°, 80%, 68%
HSV	293°, 55%, 94%
XYZ	51.6830, 32.8044, 85.2692
YIQ	157.6180, 27.0850, 65.3330

Conversions

Conversions Part 2

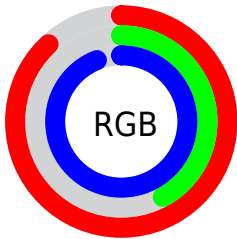
Format	Color
R_YB	224, 108, 239
Decimal	14707951
CIE _{Lab}	64.00, 63.27, -46.41
CIE _{LCh}	64, 78.468, 323.736
Yxy	32.8044, 0.3045, 0.1932
Android (android.graphics.Color)	4292898031 (0xFFE06CEF)
YUV	157.6180, 40.1213, 58.2170
Hunter-Lab	57.2751, 60.8405, -48.1763

Details

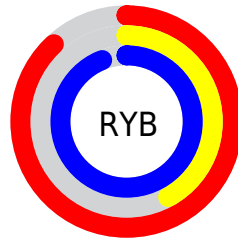
The RYB color **224, 108, 239** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **108, 239, 224**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 164, 255**, and **166, 51, 182** is the 20% darker color. If you saturate the color by 10%, you get **221, 84, 239**, and if you desaturate by 10%, it is **227, 132, 239**.

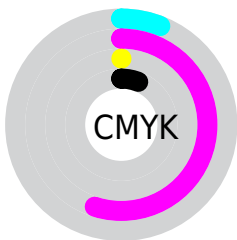
Distribution



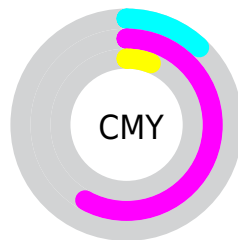
- Red (88%)
- Green (42%)
- Blue (94%)



- Red (88%)
- Yellow (42%)
- Blue (94%)



- Cyan (6%)
- Magenta (55%)
- Yellow (0%)
- Black (6%)




- Cyan (12%)
- Magenta (58%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 108, 239 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, 108, 239 by changing the saturation by 10% instead.

 224, 108, 239


255, 255, 255


 255, 164, 255

 255, 193, 255

 255, 222, 255

 255, 251, 255

 224, 108, 239

 195, 80, 210

 166, 51, 182


 138, 12, 155


 110, 0, 129

 82, 0, 103

 56, 0, 78

 29, 0, 55

 0, 2, 32

 0, 0, 4

■ 224, 108, 239

■ 224, 108, 239

■ 221, 84, 239

■ 227, 132, 239

■ 219, 60, 239

■ 229, 156, 239

■ 216, 36, 239

■ 232, 180, 239

■ 213, 12, 239

■ 235, 204, 239

■ 212, 0, 239

■ 238, 227, 239

■ 239, 251, 250

■ 239, 255, 251

■ 239, 255, 248

■ 239, 255, 245

Harmonies

Analogous

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



119, 139, 255



224, 108, 239



255, 78, 173

Triad

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



224, 108, 239



70, 199, 0



0, 99, 210

Complementary

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



224, 108, 239



108, 239, 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, 106, 185



224, 108, 239



0, 168, 35

Square

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



224, 108, 239



249, 165, 37



0, 132, 180



0, 106, 255

Rectangle

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



224, 108, 239



255, 77, 126



0, 132, 180



0, 94, 187

Sweetspot

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



224, 108, 239



250, 214, 255



108, 121, 239



125, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 108, 239



236, 87, 255



239, 108, 189



118, 108, 120



163, 0, 184



50, 0, 56

Inverse Universe

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



239, 108, 123



255, 87, 106



108, 203, 239



120, 108, 109



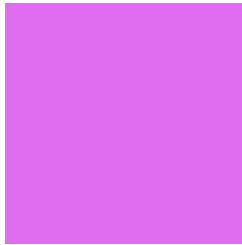
184, 0, 21



56, 0, 6

Previews

White Background



This preview shows how the RYB color 224, 108, 239 looks on a white background.

Color Contrast Check

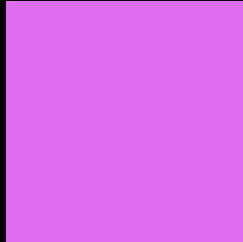
Large Text (above 18pt) WCAG AA × Fail

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 224, 108, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

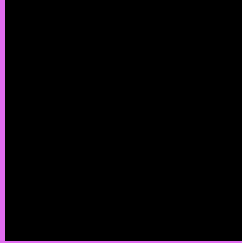
Any Text WCAG AA ✓ Pass

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 224, 108, 239 Background



This preview shows how black text looks on a background with the RYB color 224, 108, 239.

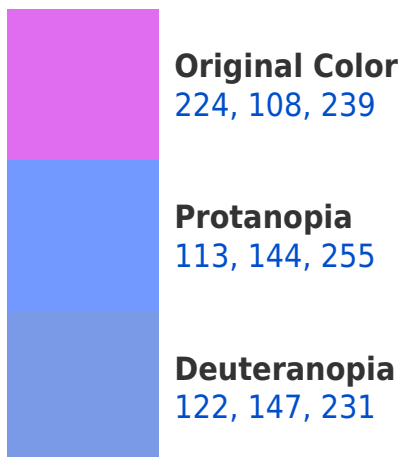


This preview shows how white text looks on a background with the RYB color 224, 108, 239.

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
211, 133, 143

Trichromacy



Original Color

224, 108, 239



Protanomaly

153, 136, 249



Deuteranomaly

159, 137, 234



Tritanomaly

216, 124, 178

Monochromacy



Original Color

224, 108, 239



Achromatopsia

158, 158, 158



Achromatomaly

182, 140, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 108, 239 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, 108, 239) looks like.

```
.text, #text, p{  
    color:rgb(224, 108, 239)  
}
```

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, 108, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 108, 239) }
```

Border

The CSS property to change the border of an element to RYB 224, 108, 239 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, 108, 239) }
```

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

```
.border{ border-color:rgb(224, 108, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 108, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 108, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 108, 239);  
box-shadow:4px 4px 4px 4px rgb(224, 108,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 224, 108, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 108, 239) }
```

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

```
.background{ background-color: rgb(224,  
108, 239) }
```

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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