

Converting Colors

`RYB(224, 42, 183)`

Have a look what the booklet for
RYB(224, 42, 183) contains.

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Color

`RYB(224, 42, 183)`

Conversions

Conversions Part 1

Format	Color
Hex	E02AB7
RGB	224, 42, 183
RGB Percent	88%, 16%, 72%
CMY	0.1216, 0.8353, 0.2824
CMYK	0.00, 0.81, 0.18, 0.12
HSL	314°, 75%, 52%
HSV	314°, 81%, 88%
XYZ	40.1157, 20.9221, 46.7238
YIQ	112.4920, 63.2110, 82.4350

Conversions

Conversions Part 2

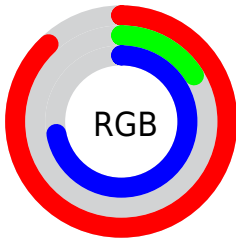
Format	Color
R _{YB}	224, 42, 183
Decimal	14690999
CIE _{Lab}	52.86, 78.23, -32.12
CIE _{LCh}	53, 84.565, 337.675
Yxy	20.9221, 0.3723, 0.1942
Android (android.graphics.Color)	4292881079 (0xFFE02AB7)
YUV	112.4920, 34.7604, 97.7925
Hunter-Lab	45.7407, 76.5025, -28.5458

Details

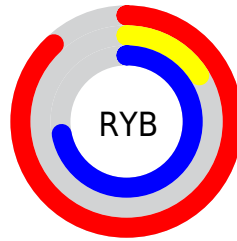
The RYB color **224, 42, 183** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **42, 191, 224**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **255, 110, 239**, and **164, 0, 130** is the 20% darker color. If you saturate the color by 10%, you get **224, 20, 178**, and if you desaturate by 10%, it is **224, 64, 188**.

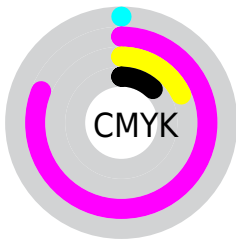
Distribution



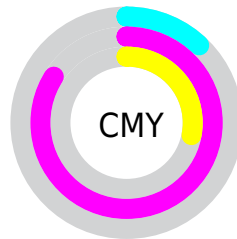
- Red (88%)
- Green (16%)
- Blue (72%)



- Red (88%)
- Yellow (16%)
- Blue (72%)



- Cyan (0%)
- Magenta (81%)
- Yellow (18%)
- Black (12%)



- Cyan (12%)
- Magenta (84%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 42, 183 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, 42, 183 by changing the saturation by 10% instead.

 224, 42, 183

 224, 42, 183

255, 255, 255

 194, 0, 156

 255, 110, 239

 164, 0, 130

 255, 140, 255

 135, 0, 104

 255, 170, 255

 106, 0, 80

 255, 200, 255

 78, 0, 56

 255, 230, 255


 50, 0, 34


 8, 0, 6

 0, 0, 0

 224, 42, 183

 224, 42, 183


 224, 20, 178


 224, 64, 188

 224, 0, 174


 224, 87, 193

 224, 109, 198

 224, 132, 203

 224, 154, 208

 224, 176, 213

 224, 199, 218

 224, 221, 223

 224, 241, 244

Harmonies

Analogous

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



146, 96, 243



224, 42, 183



250, 0, 111

Triad

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



224, 42, 183



8, 137, 0



0, 90, 214

Complementary

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



224, 42, 183



42, 191, 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, 81, 156



224, 42, 183



0, 145, 95

Square

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



224, 42, 183



184, 196, 0



0, 107, 153



0, 94, 255

Rectangle

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



224, 42, 183



245, 35, 64



0, 107, 153



0, 86, 192

Sweetspot

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



224, 42, 183



255, 194, 241



81, 42, 224



128, 91, 119



0, 0, 0



128, 128, 128

Same Dimension

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



224, 42, 183



255, 5, 199



224, 42, 94



112, 101, 110



176, 0, 136



48, 0, 38

Inverse Universe

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



224, 42, 183



255, 5, 199



42, 148, 224



112, 101, 110



176, 0, 136



48, 0, 38

Previews

White Background



This preview shows how the RYB color 224, 42, 183 looks on a white background.

Color Contrast Check

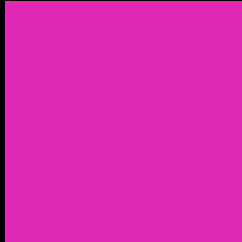
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42, 183 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, 42, 183 Background



This preview shows how black text looks on a background with the RYB color 224, 42, 183.

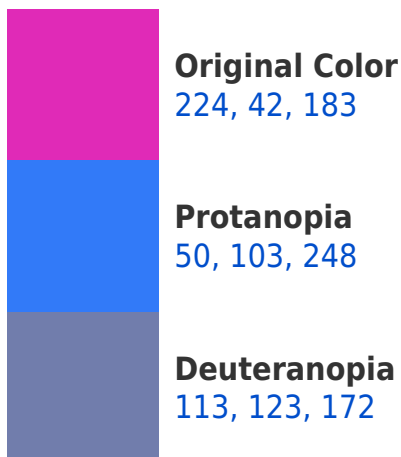


This preview shows how white text looks on a background with the RYB color 224, 42, 183.

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
215, 80, 85

Trichromacy



Original Color

224, 42, 183



Protanomaly

113, 94, 224



Deuteranomaly

153, 95, 176



Tritanomaly

218, 66, 121

Monochromacy



Original Color

224, 42, 183



Achromatopsia

112, 112, 112



Achromatomaly

153, 87, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 42, 183 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, 42, 183)` looks like.

```
.text, #text, p{  
    color:rgb(224, 42, 183)  
}
```

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, 42, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 42, 183) }
```

Border

The CSS property to change the border of an element to RYB 224, 42, 183 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, 42, 183) }
```

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

```
.border{ border-color:rgb(224, 42, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 42, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 42, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 42, 183);  
box-shadow:4px 4px 4px 4px rgb(224, 42,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 224, 42, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 42, 183) }
```

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

```
.background{ background-color: rgb(224, 42,  
183) }
```

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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