

Converting Colors

`RYB(224, 142, 227)`

Have a look what the booklet for
RYB(224, 142, 227) contains.

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Color

R_YB(224, 142, 227)

Conversions

Conversions Part 1

Format	Color
Hex	E08EE3
RGB	224, 142, 227
RGB Percent	88%, 56%, 89%
CMY	0.1216, 0.4431, 0.1098
CMYK	0.01, 0.37, 0.00, 0.11
HSL	298°, 60%, 72%
HSV	298°, 37%, 89%
XYZ	54.2786, 40.7393, 77.6757
YIQ	176.2080, 21.5870, 43.8190

Conversions

Conversions Part 2

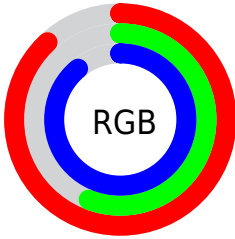
Format	Color
RYB	224, 142, 227
Decimal	14716643
CIELab	69.99, 44.17, -30.44
CIELCh	70, 53.642, 325.424
Yxy	40.7393, 0.3143, 0.2359
Android (android.graphics.Color)	4292906723 (0xFFE08EE3)
YUV	176.2080, 25.0405, 41.9136
Hunter-Lab	63.8274, 40.0979, -27.4747

Details

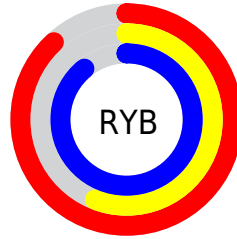
The RYB color **224, 142, 227** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **142, 227, 224**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 197, 255**, and **167, 89, 171** is the 20% darker color. If you saturate the color by 10%, you get **223, 119, 227**, and if you desaturate by 10%, it is **225, 165, 227**.

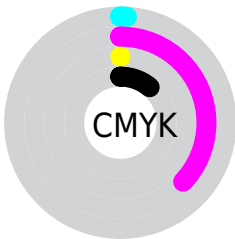
Distribution



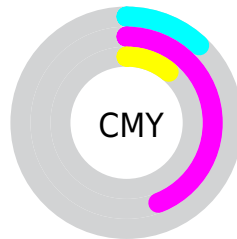
- Red (88%)
- Green (56%)
- Blue (89%)



- Red (88%)
- Yellow (56%)
- Blue (89%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 142, 227 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, 142, 227 by changing the saturation by 10% instead.

 224, 142, 227

255, 255, 255


 255, 197, 255

 255, 226, 255

 224, 142, 227

 195, 115, 199


 167, 89, 171

 140, 64, 145

 113, 38, 119

 87, 7, 94


 62, 0, 70

 41, 0, 47

 0, 0, 25

 0, 0, 0

 224, 142, 227

 224, 142, 227

 223, 119, 227


 225, 165, 227

 222, 97, 227


 226, 187, 227

 222, 74, 227

 226, 210, 227

 221, 51, 227

 227, 233, 233

 220, 29, 227

 227, 255, 254

 219, 6, 227

 227, 255, 253

 219, 0, 227

 227, 255, 252

 227, 255, 251

Harmonies

Analogous

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



162, 161, 255



224, 142, 227



255, 130, 181

Triad

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



224, 142, 227



127, 206, 70



0, 101, 211

Complementary

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



224, 142, 227



142, 227, 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, 107, 195



224, 142, 227



79, 181, 102

Square

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



224, 142, 227



242, 181, 92



97, 176, 190



0, 108, 250

Rectangle

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



224, 142, 227



255, 130, 148



97, 176, 190



0, 98, 196

Sweetspot

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



224, 142, 227



254, 227, 255



142, 146, 227



127, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 142, 227



251, 140, 255



227, 142, 189



114, 103, 115



172, 0, 179



49, 0, 51

Inverse Universe

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



227, 142, 145



255, 140, 144



142, 201, 227



115, 103, 104



179, 0, 6



51, 0, 2

Previews

White Background



This preview shows how the RYB color 224, 142, 227 looks on a white background.

Color Contrast Check

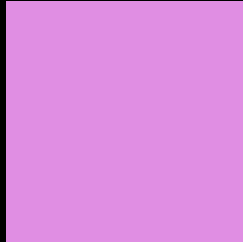
Large Text (above 18pt) WCAG AA × Fail

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, 142, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

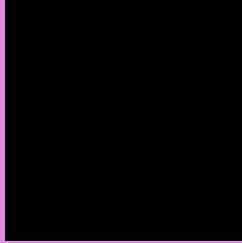
Any Text WCAG AA ✓ Pass

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, 142, 227 Background



This preview shows how black text looks on a background with the RYB color 224, 142, 227.

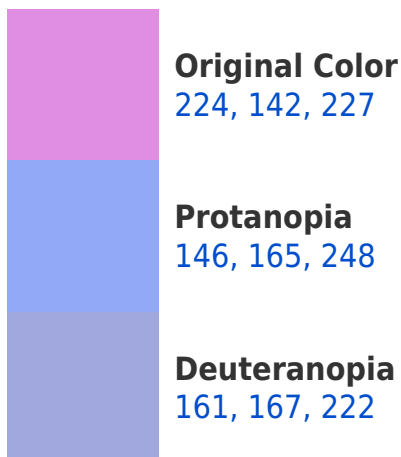



This preview shows how white text looks on a background with the RYB color 224, 142, 227.

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
216, 155, 166

Trichromacy



Original Color

224, 142, 227



Protanomaly

174, 159, 240



Deuteranomaly

184, 159, 224



Tritanomaly

219, 150, 188

Monochromacy



Original Color

224, 142, 227



Achromatopsia

176, 176, 176



Achromatomaly

193, 164, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 142, 227 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, 142, 227) looks like.

```
.text, #text, p{  
    color:rgb(224, 142, 227)  
}
```

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, 142, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 142, 227) }
```

Border

The CSS property to change the border of an element to RYB 224, 142, 227 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, 142, 227) }
```

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

```
.border{ border-color:rgb(224, 142, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 142, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 142, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 142, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 142,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 224, 142, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 142, 227) }
```

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

```
.background{ background-color: rgb(224,  
142, 227) }
```

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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