

Converting Colors

`RYB(226, 142, 213)`

Have a look what the booklet for
RYB(226, 142, 213) contains.

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Color

$\text{RYB}(226, 142, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	E28ED5
RGB	226, 142, 213
RGB Percent	89%, 56%, 84%
CMY	0.1137, 0.4431, 0.1647
CMYK	0.00, 0.37, 0.06, 0.11
HSL	309°, 59%, 72%
HSV	309°, 37%, 89%
XYZ	53.0473, 40.3188, 67.9372
YIQ	175.2100, 27.2730, 39.8890

Conversions

Conversions Part 2

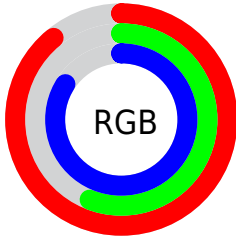
Format	Color
R _Y B	226, 142, 213
Decimal	14847701
CIE Lab	69.70, 42.29, -23.15
CIE LCh	70, 48.208, 331.301
Yxy	40.3188, 0.3289, 0.2500
Android (android.graphics.Color)	4293037781 (0xFFE28ED5)
YUV	175.2100, 18.6305, 44.5428
Hunter-Lab	63.4971, 38.0039, -18.9879

Details

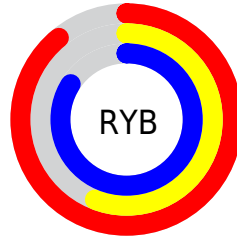
The RYB color **226, 142, 213** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **142, 215, 226**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 197, 255**, and **169, 90, 158** is the 20% darker color. If you saturate the color by 10%, you get **226, 119, 210**, and if you desaturate by 10%, it is **226, 165, 216**.

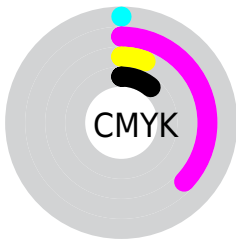
Distribution



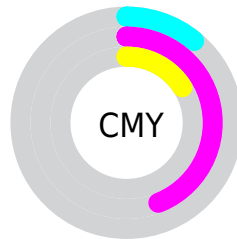
- Red (89%)
- Green (56%)
- Blue (84%)



- Red (89%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (37%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 142, 213 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 226, 142, 213 by changing the saturation by 10% instead.

 226, 142, 213

 226, 142, 213

255, 255, 255

 197, 115, 185


 255, 197, 255

 169, 90, 158

 255, 226, 255

 142, 64, 132

 115, 38, 107

 89, 8, 82

 64, 0, 59


 43, 0, 37

 0, 1, 13

 0, 0, 0

 226, 142, 213


 226, 142, 213

 226, 119, 210


 226, 165, 216

 226, 97, 206


 226, 187, 220

 226, 74, 203


 226, 210, 223

 226, 52, 199

 226, 231, 232

 226, 29, 196

 226, 251, 255

 226, 6, 192

 226, 249, 255

 226, 0, 191

 226, 247, 255

 226, 245, 255

 226, 244, 255

Harmonies

Analogous

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



176, 158, 245



226, 142, 213



250, 134, 170

Triad

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



226, 142, 213



115, 195, 80



0, 101, 214

Complementary

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



226, 142, 213



142, 215, 226

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, 102, 193



226, 142, 213



93, 181, 124

Square

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



226, 142, 213



230, 198, 94



94, 165, 189



0, 106, 246

Rectangle

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



226, 142, 213



253, 136, 141



94, 165, 189



0, 98, 201

Sweetspot

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



226, 142, 213



255, 227, 251



155, 142, 226



128, 111, 125



0, 0, 0



128, 128, 128

Same Dimension

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



226, 142, 213



255, 140, 237



226, 142, 171



112, 101, 110



176, 0, 149



48, 0, 41

Inverse Universe

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



226, 142, 213



255, 140, 237



142, 193, 226



112, 101, 110



176, 0, 149



48, 0, 41

Previews

White Background



This preview shows how the RYB color 226, 142, 213 looks on a white background.

Color Contrast Check

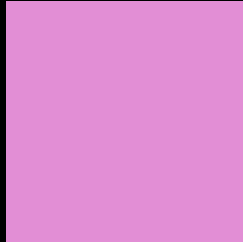
Large Text (above 18pt) WCAG AA × Fail

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 226, 142, 213 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](#).

R Y B 226, 142, 213 Background



This preview shows how black text looks on a background with the R Y B color 226, 142, 213.

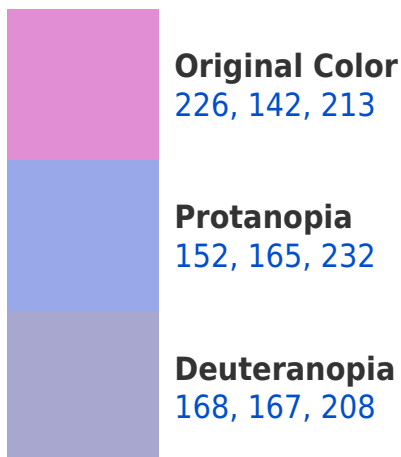



This preview shows how white text looks on a background with the R Y B color 226, 142, 213.

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
220, 152, 163

Trichromacy



Original Color

226, 142, 213



Protanomaly

179, 159, 225



Deuteranomaly

189, 158, 210



Tritanomaly

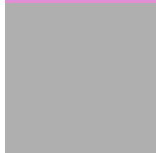
222, 148, 181

Monochromacy



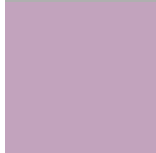
Original Color

226, 142, 213



Achromatopsia

175, 175, 175



Achromatomaly

194, 163, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 142, 213 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(226, 142, 213) looks like.

```
.text, #text, p{  
    color:rgb(226, 142, 213)  
}
```

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(226, 142, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 142, 213) }
```

Border

The CSS property to change the border of an element to RYB 226, 142, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

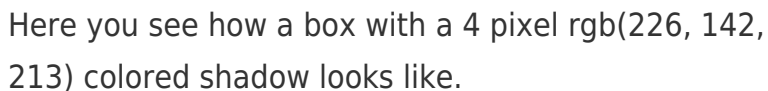
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 142, 213) }
```

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

```
.border{ border-color:rgb(226, 142, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 142, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 142, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 142, 213); box-shadow:4px 4px 4px 4px rgb(226, 142, 213) }
```

Background

The CSS property to change the background color of an element to RYB 226, 142, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 142, 213) }
```

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

```
.background{ background-color: rgb(226,  
142, 213) }
```

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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