Converting Colors

RYB(242, 171, 227)

Have a look what the booklet for RYB(242, 171, 227) contains.

Color

RYB(242, 171, 227)

Conversions

Conversions Part 1

Format	Color
Hex	F2ABE3
RGB	242, 171, 227
RGB Percent	95%, 67%, 89%
CMY	0.0510, 0.3294, 0.1098
CMYK	0.00, 0.29, 0.06, 0.05
HSL	313°, 73%, 81%
HSV	313°, 29%, 95%
XYZ	65.0460, 53.5491, 79.5808
YIQ	198.6130, 24.3400, 32.4680

Conversions

Conversions Part 2

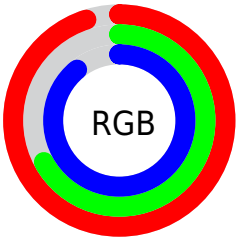
Format	Color
RYB	242, 171, 227
Decimal	15903715
CIELab	78.20, 34.59, -17.74
CIELCh	78, 38.879, 332.845
Yxy	53.5491, 0.3282, 0.2702
Android (android.graphics.Color)	4294093795 (0xFFF2ABE3)
YUV	198.6130, 13.9948, 38.0504
Hunter-Lab	73.1773, 30.6053, -13.2542

Details

The RYB color 242, 171, 227 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 171, 230, 242, and the grayscale version is 198, 198, 198.

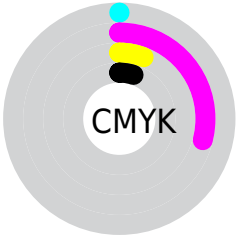
A 20% lighter version of the original color is 255, 227, 255, and 185, 118, 172 is the 20% darker color. If you saturate the color by 10%, you get 242, 147, 222, and if you desaturate by 10%, it is 242, 195, 232.

Distribution

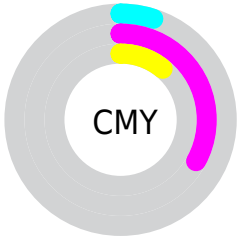


- Red (95%)
- Green (67%)
- Blue (89%)

- Red (95%)
- Yellow (67%)
- Blue (89%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 171, 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 242, 171, 227 by changing the saturation by 10% instead.

242, 171, 227

255, 255, 255

255, 227, 255

242, 171, 227

213, 144, 199

185, 118, 172

157, 92, 145

131, 67, 119

104, 43, 94

79, 18, 71

55, 0, 48

34, 0, 27

0, 0, 0

242, 171, 227

242, 147, 222

242, 123, 217

242, 98, 212

242, 74, 207

242, 50, 201

242, 26, 196

242, 2, 191

242, 0, 191

242, 171, 227

242, 195, 232

242, 219, 237

242, 244, 244

242, 251, 255

242, 249, 255

242, 249, 255

Harmonies

Analogous

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

202, 183, 254

242, 171, 227

255, 166, 191

Triad

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

242, 171, 227

150, 214, 121

56, 138, 231

Complementary

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

242, 171, 227

171, 230, 242

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.

87, 155, 213

242, 171, 227

132, 203, 159

Square

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

242, 171, 227

245, 218, 130

133, 191, 210

89, 158, 255

Rectangle

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

242, 171, 227

255, 167, 167

133, 191, 210

62, 139, 220

Sweetspot

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

242, 171, 227

255, 232, 250

185, 171, 242

128, 113, 125

0, 0, 0

128, 128, 128

Same Dimension

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

242, 171, 227

255, 166, 236

242, 171, 192

120, 108, 117

184, 0, 145

56, 0, 44

Inverse Universe

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

242, 171, 227

255, 166, 236

171, 213, 242

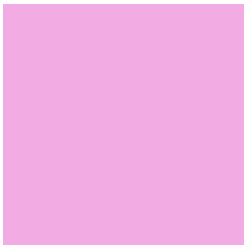
120, 108, 117

184, 0, 145

56, 0, 44

Previews

White Background

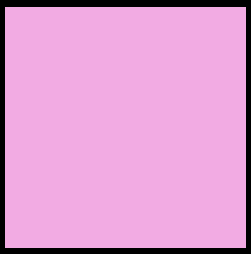


This preview shows how the RYB color 242, 171, 227 looks on a white background.

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



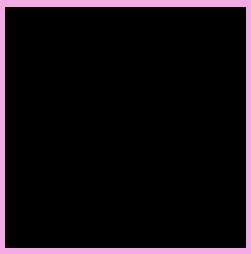
This preview shows how the RYB color 242, 171, 227 looks on a black background.

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 242, 171, 227 Background



This preview shows how black text looks on a background with the RYB color 242, 171, 227.

This preview shows how white text looks on a background with the RYB color 242, 171, 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

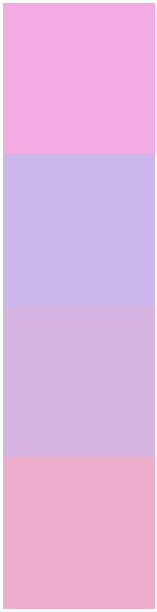
Original Color
242, 171, 227

Protanopia
182, 191, 241

Deuteranopia
198, 189, 224

Tritanopia
237, 178, 191

Trichromacy



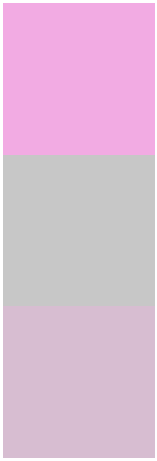
Original Color
242, 171, 227

Protanomaly
204, 184, 236

Deuteranomaly
214, 182, 225

Tritanomaly
239, 175, 204

Monochromacy



Original Color
242, 171, 227

Achromatopsia
199, 199, 199

Achromatomaly
215, 189, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 171, 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(242, 171, 227) looks like.

```
.text, #text, p{
    color:rgb(242, 171, 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(242, 171, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 171, 227) }
```

Border

The CSS property to change the border of an element to RYB 242, 171, 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(242, 171, 227) }
```

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

```
.border{ border-color:rgb(242, 171, 227) }
```

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

Here you see how a box with a 4 pixel rgb(242, 171, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 171, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 171, 227); box-shadow:4px 4px 4px 4px rgb(242, 171, 227) }
```

Background

The CSS property to change the background color of an element to RYB 242, 171, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(242, 171, 227) }
```

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

```
.background{ background-color:rgb(242,
171, 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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