

Converting Colors

RGB(242, 181, 247)

Have a look what the booklet for
RGB(242, 181, 247) contains.

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Color

RGB(242, 181, 247)

Conversions

Conversions Part 1

Format	Color
Hex	F2B5F7
RGB	242, 181, 247
RGB Percent	95%, 71%, 97%
CMY	0.0510, 0.2902, 0.0314
CMYK	0.02, 0.27, 0.00, 0.03
HSL	295°, 80%, 84%
HSV	295°, 27%, 97%
XYZ	69.9303, 58.6404, 95.6287
YIQ	206.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

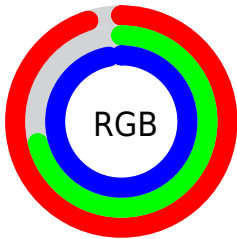
Format	Color
R _Y B	242, 181, 247
Decimal	15906295
CIE Lab	81.09, 32.88, -24.13
CIE LCh	81, 40.781, 323.725
Yxy	58.6404, 0.3119, 0.2616
Android (android.graphics.Color)	4294096375 (0xFFFF2B5F7)
YUV	206.7630, 19.8368, 30.9028
Hunter-Lab	76.5770, 28.9969, -20.4369

Details

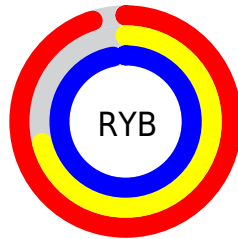
The RGB color **242, 181, 247** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **186, 247, 181**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 237, 255**, and **185, 127, 191** is the 20% darker color. If you saturate the color by 10%, you get **240, 156, 247**, and if you desaturate by 10%, it is **244, 206, 247**.

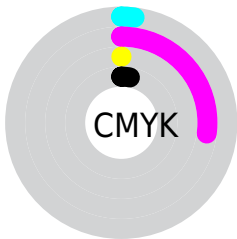
Distribution



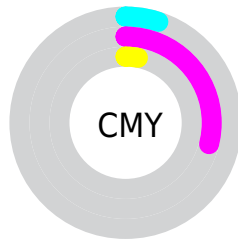
- Red (95%)
- Green (71%)
- Blue (97%)



- Red (95%)
- Yellow (71%)
- Blue (97%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (29%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 181, 247 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 RGB color 242, 181, 247 by changing the saturation by 10% instead.

 242, 181, 247

255, 255, 255


 255, 237, 255

 242, 181, 247


 213, 154, 218

 185, 127, 191

 158, 102, 163

 131, 77, 137


 105, 53, 111

 80, 29, 87


 56, 4, 63

 36, 0, 41


 0, 1, 19

 242, 181, 247

 242, 181, 247

 240, 156, 247

 244, 206, 247

 238, 132, 247


 246, 230, 247

 236, 107, 247


 248, 255, 247

 235, 82, 247

 249, 255, 247

 233, 58, 247

 251, 255, 247

 231, 33, 247

 253, 255, 247

 229, 8, 247

 255, 255, 247

 228, 0, 247

Harmonies

Analogous

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



195, 194, 255



242, 181, 247



255, 173, 211

Triad

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



242, 181, 247



234, 196, 125



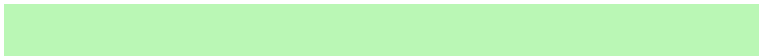
58, 222, 231

Complementary

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



242, 181, 247



186, 247, 181

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.



103, 221, 192



242, 181, 247



196, 208, 130

Square

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



242, 181, 247



255, 183, 141



152, 217, 155



72, 217, 255

Rectangle

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



242, 181, 247



255, 172, 185



152, 217, 155



70, 222, 218

Sweetspot

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



242, 181, 247



253, 235, 255



181, 187, 247



127, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 181, 247



249, 173, 255



247, 181, 219



121, 110, 122



172, 0, 186



54, 0, 59

Inverse Universe

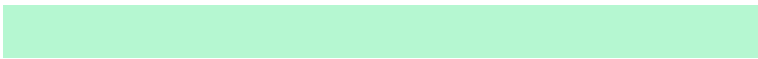
The Inverse Universe completely reimagines the original color for something new.



247, 181, 186



255, 173, 180



181, 247, 209



122, 110, 111



186, 0, 14



59, 0, 4

Previews

White Background



This preview shows how the RGB color 242, 181, 247 looks on a white background.

Color Contrast Check

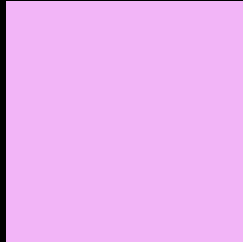
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 242, 181, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

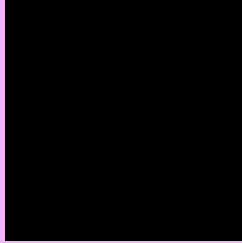
Any Text WCAG AA ✓ Pass

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](#).

RGB 242, 181, 247 Background



This preview shows how black text looks on a background with the RGB color 242, 181, 247.

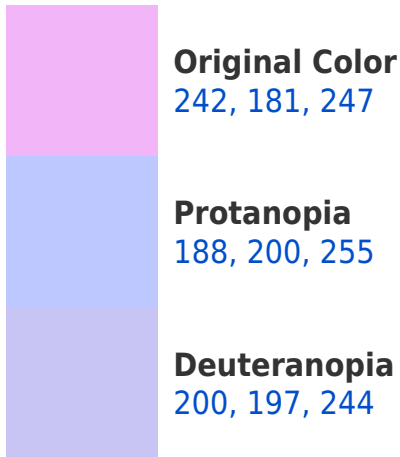



This preview shows how white text looks on a background with the RGB color 242, 181, 247.

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
236, 189, 204

Trichromacy



Original Color

242, 181, 247



Protanomaly

208, 193, 252



Deuteranomaly

215, 191, 245



Tritanomaly

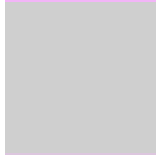
238, 186, 220

Monochromacy



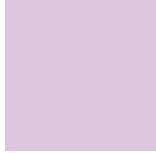
Original Color

242, 181, 247



Achromatopsia

207, 207, 207



Achromatomaly

220, 198, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 181, 247 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, 181, 247) looks like.

```
.text, #text, p{  
    color:rgb(242, 181, 247)  
}
```

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, 181, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 181, 247) }
```

Border

The CSS property to change the border of an element to RGB 242, 181, 247 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, 181, 247) }
```

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

```
.border{ border-color:rgb(242, 181, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 181, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 181, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 181, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 181,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 242, 181, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 181, 247) }
```

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

```
.background{ background-color: rgb(242,  
181, 247) }
```

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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