

Converting Colors

RGB(240, 182, 229)

Have a look what the booklet for
RGB(240, 182, 229) contains.

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Color

RGB(240, 182, 229)

Conversions

Conversions Part 1

Format	Color
Hex	F0B6E5
RGB	240, 182, 229
RGB Percent	94%, 71%, 90%
CMY	0.0588, 0.2863, 0.1020
CMYK	0.00, 0.24, 0.05, 0.06
HSL	311°, 66%, 83%
HSV	311°, 24%, 94%
XYZ	66.8060, 57.6383, 81.7330
YIQ	204.7000, 19.4810, 26.9130

Conversions

Conversions Part 2

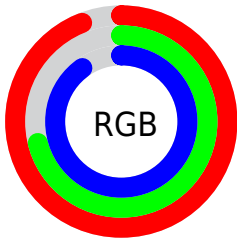
Format	Color
R _Y B	240, 182, 229
Decimal	15775461
CIE Lab	80.54, 28.45, -15.32
CIE LCh	81, 32.313, 331.696
Yxy	57.6383, 0.3240, 0.2796
Android (android.graphics.Color)	4293965541 (0xFFFF0B6E5)
YUV	204.7000, 11.9799, 30.9581
Hunter-Lab	75.9199, 24.2119, -10.6858

Details

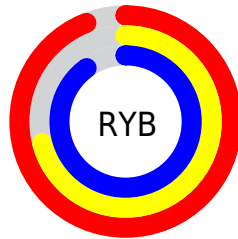
The RGB color **240, 182, 229** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **182, 240, 193**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 238, 255**, and **183, 129, 173** is the 20% darker color. If you saturate the color by 10%, you get **240, 158, 224**, and if you desaturate by 10%, it is **240, 206, 234**.

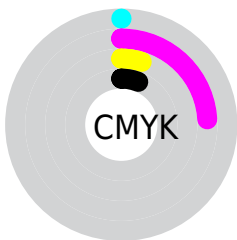
Distribution



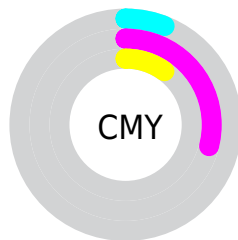
- Red (94%)
- Green (71%)
- Blue (90%)



- Red (94%)
- Yellow (71%)
- Blue (90%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 182, 229 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 240, 182, 229 by changing the saturation by 10% instead.


 240, 182, 229

 240, 182, 229

255, 255, 255

 211, 155, 201

 255, 238, 255

 183, 129, 173

 156, 103, 147

 129, 78, 121

 104, 54, 96

 79, 31, 72


 55, 8, 50

 36, 0, 29


 0, 0, 0

 240, 182, 229


 240, 182, 229

 240, 158, 224


 240, 206, 234

 240, 134, 220


 240, 230, 238

 240, 110, 215

 240, 254, 243

 240, 86, 211


 240, 255, 247

 240, 62, 206

 240, 255, 252

 240, 38, 202

 240, 255, 255

 240, 14, 197

 240, 0, 194

Harmonies

Analogous

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



207, 191, 251



240, 182, 229



255, 178, 199

Triad

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



240, 182, 229



220, 198, 139



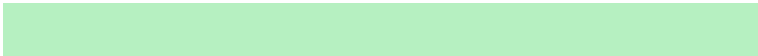
105, 216, 230

Complementary

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



240, 182, 229



182, 240, 193

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.



120, 217, 201



240, 182, 229



187, 208, 148

Square

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



240, 182, 229



245, 188, 148



152, 214, 170



123, 211, 252

Rectangle

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



240, 182, 229



255, 178, 179



152, 214, 170



107, 216, 221

Sweetspot

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



240, 182, 229



255, 237, 252



193, 182, 240



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



240, 182, 229



255, 181, 241



240, 182, 200



120, 108, 118



184, 0, 149



56, 0, 45

Inverse Universe

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



240, 182, 229



255, 181, 241



182, 240, 222



120, 108, 118



184, 0, 149



56, 0, 45

Previews

White Background



This preview shows how the RGB color 240, 182, 229 looks on a white background.

Color Contrast Check

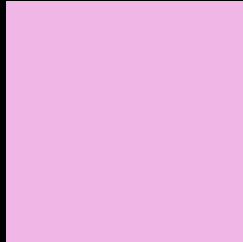
Large Text (above 18pt) WCAG AA × Fail

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 240, 182, 229 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 240, 182, 229 Background



This preview shows how black text looks on a background with the RGB color 240, 182, 229.

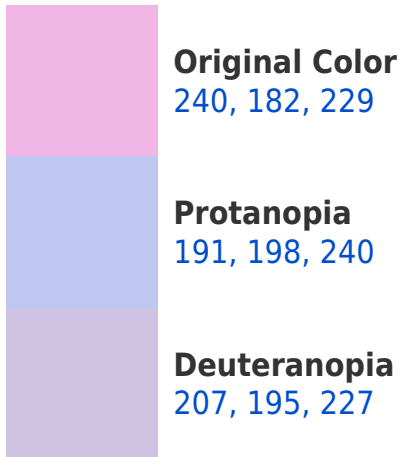



This preview shows how white text looks on a background with the RGB color 240, 182, 229.

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, 187, 201

Trichromacy



Original Color

240, 182, 229



Protanomaly

209, 192, 236



Deuteranomaly

219, 190, 228



Tritanomaly

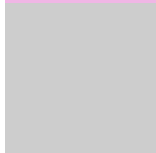
237, 185, 211

Monochromacy



Original Color

240, 182, 229



Achromatopsia

205, 205, 205



Achromatomaly

218, 197, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 182, 229 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(240, 182, 229) looks like.

```
.text, #text, p{  
    color:rgb(240, 182, 229)  
}
```

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(240, 182, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 182, 229) }
```

Border

The CSS property to change the border of an element to RGB 240, 182, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

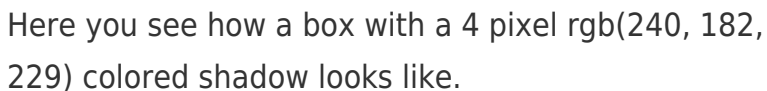
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 182, 229) }
```

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

```
.border{ border-color:rgb(240, 182, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 182, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 182, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 182, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 182,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 240, 182, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 182, 229) }
```

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

```
.background{ background-color: rgb(240,  
182, 229) }
```

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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