

Converting Colors

RGB(240, 173, 226)

Have a look what the booklet for
RGB(240, 173, 226) contains.

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Color

RGB(240, 173, 226)

Conversions

Conversions Part 1

Format	Color
Hex	F0ADE2
RGB	240, 173, 226
RGB Percent	94%, 68%, 89%
CMY	0.0588, 0.3216, 0.1137
CMYK	0.00, 0.28, 0.06, 0.06
HSL	313°, 69%, 81%
HSV	313°, 28%, 94%
XYZ	64.6062, 53.9034, 78.9508
YIQ	199.0750, 22.9190, 30.6870

Conversions

Conversions Part 2

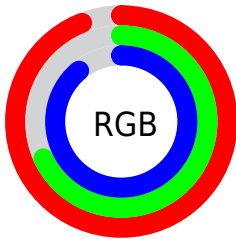
Format	Color
R _Y B	240, 173, 226
Decimal	15773154
CIE _{Lab}	78.41, 32.70, -16.91
CIE _{LCh}	78, 36.818, 332.658
Y _{xy}	53.9034, 0.3272, 0.2730
Android (android.graphics.Color)	4293963234 (0xFFFF0ADE2)
YUV	199.0750, 13.2740, 35.8912
Hunter-Lab	73.4189, 28.5909, -12.3640

Details

The RGB color **240, 173, 226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173, 240, 187**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 229, 255**, and **183, 120, 171** is the 20% darker color. If you saturate the color by 10%, you get **240, 149, 221**, and if you desaturate by 10%, it is **240, 197, 231**.

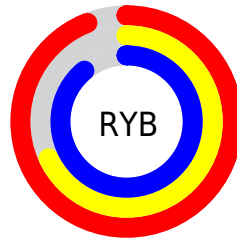
Distribution



Red (94%)

Green (68%)

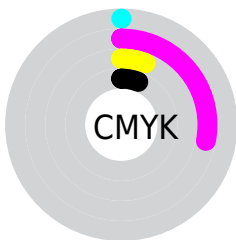
Blue (89%)



Red (94%)

Yellow (68%)

Blue (89%)

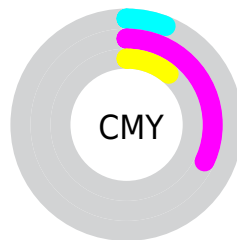


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (6%)



Cyan (6%)


Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 173, 226 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, 173, 226 by changing the saturation by 10% instead.

 240, 173, 226

255, 255, 255

 255, 229, 255

 240, 173, 226

 211, 146, 198

 183, 120, 171

 156, 94, 144

 129, 70, 118

 103, 46, 94

 78, 21, 70


 54, 0, 47


 33, 0, 27


 0, 0, 0

 240, 173, 226


 240, 173, 226

 240, 149, 221


 240, 197, 231

 240, 125, 216


 240, 221, 236

 240, 101, 211


 240, 245, 241

 240, 77, 206

 240, 255, 246

 240, 53, 201

 240, 255, 251

 240, 29, 196

 240, 255, 255

 240, 5, 191

 240, 0, 190

Harmonies

Analogous

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



202, 184, 252



240, 173, 226



255, 168, 192

Triad

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



240, 173, 226



214, 193, 125



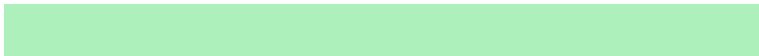
73, 211, 230

Complementary

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



240, 173, 226



173, 240, 187

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.



97, 213, 196



240, 173, 226



178, 203, 135

Square

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



240, 173, 226



243, 181, 134



137, 210, 161



100, 206, 254

Rectangle

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



240, 173, 226



255, 169, 169



137, 210, 161



77, 212, 219

Sweetspot

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



240, 173, 226



255, 235, 251



186, 173, 240



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



240, 173, 226



255, 168, 237



240, 173, 193



120, 108, 117



184, 0, 145



56, 0, 44

Inverse Universe

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



240, 173, 226



255, 168, 237



173, 240, 220



120, 108, 117



184, 0, 145



56, 0, 44

Previews

White Background



This preview shows how the RGB color 240, 173, 226 looks on a white background.

Color Contrast Check

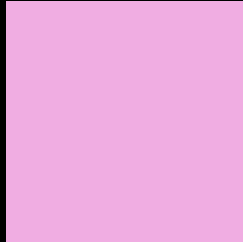
Large Text (above 18pt) WCAG AA × Fail

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, 173, 226 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, 173, 226 Background



This preview shows how black text looks on a background with the RGB color 240, 173, 226.

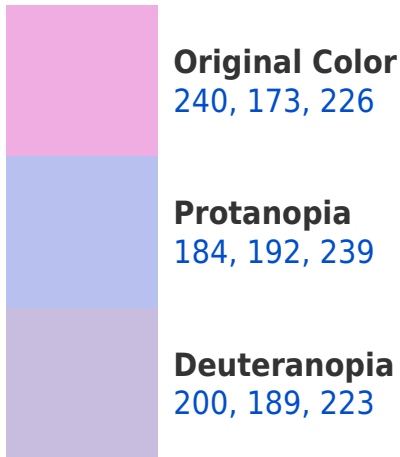



This preview shows how white text looks on a background with the RGB color 240, 173, 226.

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, 179, 193

Trichromacy



Original Color

240, 173, 226



Protanomaly

204, 185, 234



Deuteranomaly

215, 183, 224



Tritanomaly

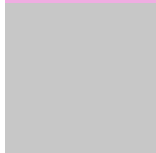
237, 177, 205

Monochromacy



Original Color

240, 173, 226



Achromatopsia

199, 199, 199



Achromatomaly

214, 190, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 173, 226 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, 173, 226) looks like.

```
.text, #text, p{  
    color:rgb(240, 173, 226)  
}
```

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, 173, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 173, 226) }
```

Border

The CSS property to change the border of an element to RGB 240, 173, 226 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, 173, 226) }
```

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

```
.border{ border-color:rgb(240, 173, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 173, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 173, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 173, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 173,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 240, 173, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 173, 226) }
```

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

```
.background{ background-color: rgb(240,  
173, 226) }
```

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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