

Converting Colors

RGB(242, 195, 228)

Have a look what the booklet for
RGB(242, 195, 228) contains.

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Color

RGB(242, 195, 228)

Conversions

Conversions Part 1

Format	Color
Hex	F2C3E4
RGB	242, 195, 228
RGB Percent	95%, 76%, 89%
CMY	0.0510, 0.2353, 0.1059
CMYK	0.00, 0.19, 0.06, 0.05
HSL	318°, 64%, 86%
HSV	318°, 19%, 95%
XYZ	70.1366, 63.5089, 81.9606
YIQ	212.8150, 17.4190, 20.2270

Conversions

Conversions Part 2

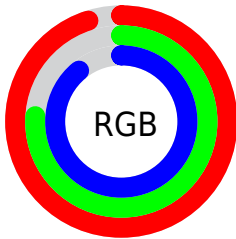
Format	Color
R _Y B	242, 195, 228
Decimal	15909860
CIE Lab	83.71, 22.05, -10.02
CIE LCh	84, 24.216, 335.556
Yxy	63.5089, 0.3253, 0.2946
Android (android.graphics.Color)	4294099940 (0xFFFF2C3E4)
YUV	212.8150, 7.4862, 25.5952
Hunter-Lab	79.6925, 17.6345, -5.1927

Details

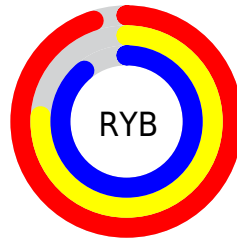
The RGB color **242, 195, 228** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 242, 209**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 252, 255, and **185, 141, 173** is the 20% darker color. If you saturate the color by 10%, you get **242, 171, 221**, and if you desaturate by 10%, it is **242, 219, 235**.

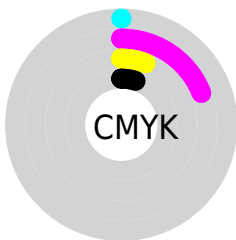
Distribution



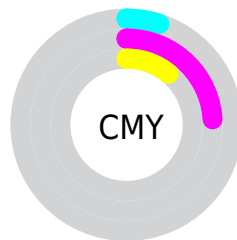
- Red (95%)
- Green (76%)
- Blue (89%)



- Red (95%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 195, 228 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, 195, 228 by changing the saturation by 10% instead.

 242, 195, 228

255, 255, 255

 255, 252, 255

 242, 195, 228


 213, 168, 200

 185, 141, 173

 158, 115, 146

 132, 90, 120

 106, 67, 96

 81, 44, 72

 58, 22, 49

 37, 0, 28

 0, 0, 0

■ 242, 195, 228

■ 242, 195, 228

■ 242, 171, 221

■ 242, 219, 235

■ 242, 147, 214

■ 242, 243, 242

■ 242, 122, 206

■ 242, 255, 250

■ 242, 98, 199

■ 242, 255, 255

■ 242, 74, 192

■ 242, 50, 185

■ 242, 26, 178

■ 242, 1, 170

■ 242, 0, 170

Harmonies

Analogous

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



218, 201, 246



242, 195, 228



255, 192, 205

Triad

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



242, 195, 228



222, 209, 163



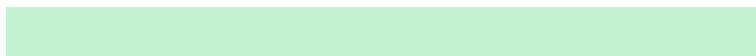
146, 221, 234

Complementary

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



242, 195, 228



195, 242, 209

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.



151, 222, 212



242, 195, 228



196, 215, 171

Square

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



242, 195, 228



242, 201, 168



171, 220, 189



160, 216, 249

Rectangle

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



242, 195, 228



255, 194, 190



171, 220, 189



145, 221, 227

Sweetspot

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



242, 195, 228



255, 240, 250



208, 195, 242



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



242, 195, 228



255, 196, 238



242, 195, 205



120, 108, 116



184, 0, 129



56, 0, 39

Inverse Universe

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



242, 195, 228



255, 196, 238



195, 242, 232



120, 108, 116



184, 0, 129



56, 0, 39

Previews

White Background



This preview shows how the RGB color 242, 195, 228 looks on a white background.

Color Contrast Check

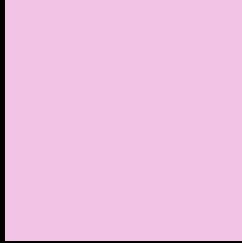
Large Text (above 18pt) WCAG AA × Fail

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, 195, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

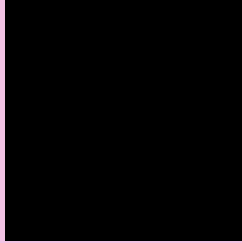
Any Text WCAG AA ✓ Pass

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, 195, 228 Background



This preview shows how black text looks on a background with the RGB color 242, 195, 228.



This preview shows how white text looks on a background with the RGB color 242, 195, 228.

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, 195, 228

Protanopia
205, 207, 236

Deuteranopia
221, 203, 226



Tritanopia
240, 198, 213

Trichromacy



Original Color
242, 195, 228

Protanomaly
218, 203, 233

Deuteranomaly
229, 200, 227

Tritanomaly
241, 197, 218

Monochromacy



Original Color
242, 195, 228

Achromatopsia
213, 213, 213

Achromatomaly
224, 206, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 195, 228 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, 195, 228)` looks like.

```
.text, #text, p{  
    color:rgb(242, 195, 228)  
}
```

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, 195, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 195, 228) }
```

Border

The CSS property to change the border of an element to RGB 242, 195, 228 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, 195, 228) }
```

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

```
.border{ border-color:rgb(242, 195, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 195, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 195, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 195, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 195,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 242, 195, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 195, 228) }
```

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

```
.background{ background-color: rgb(242,  
195, 228) }
```

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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