

Converting Colors

RGB(242, 188, 189)

Have a look what the booklet for
RGB(242, 188, 189) contains.

RGB(242, 188, 189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(242, 188, 189)

Conversions

Conversions Part 1

Format	Color
Hex	F2BCBD
RGB	242, 188, 189
RGB Percent	95%, 74%, 74%
CMY	0.0510, 0.2627, 0.2588
CMYK	0.00, 0.22, 0.22, 0.05
HSL	359°, 67%, 84%
HSV	359°, 22%, 95%
XYZ	63.7865, 58.5178, 56.0773
YIQ	204.2600, 31.8630, 11.7590

Conversions

Conversions Part 2

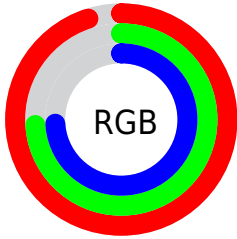
Format	Color
R _Y B	242, 188, 189
Decimal	15908029
CIE Lab	81.03, 19.54, 6.97
CIE LCh	81, 20.749, 19.633
Yxy	58.5178, 0.3576, 0.3280
Android (android.graphics.Color)	4294098109 (0xFFFF2BCBD)
YUV	204.2600, -7.5232, 33.0980
Hunter-Lab	76.4969, 14.9714, 10.0844

Details

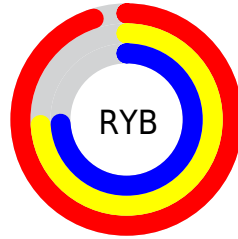
The RGB color **242, 188, 189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **188, 242, 241**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 244, 245**, and **185, 135, 136** is the 20% darker color. If you saturate the color by 10%, you get **242, 164, 165**, and if you desaturate by 10%, it is **242, 212, 213**.

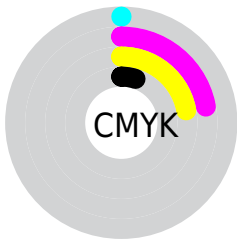
Distribution



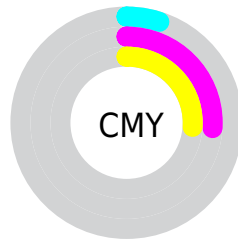
- Red (95%)
- Green (74%)
- Blue (74%)



- Red (95%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (5%)




- Cyan (5%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 188, 189 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, 188, 189 by changing the saturation by 10% instead.

 242, 188, 189

255, 255, 255


 255, 244, 245

 242, 188, 189

 213, 161, 162

 185, 135, 136

 158, 109, 110

 131, 84, 86


 105, 61, 63

 79, 38, 41


 55, 17, 21

 35, 0, 0


 0, 0, 0

 242, 188, 189


 242, 188, 189

 242, 164, 165

 242, 212, 213

 242, 140, 141

 242, 236, 237

 242, 115, 118

 242, 255, 255

 242, 91, 94

 242, 67, 70

 242, 43, 46

 242, 19, 23

 242, 0, 4

Harmonies

Analogous

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



236, 188, 209



242, 188, 189



237, 192, 172

Triad

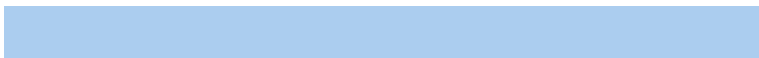
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 188, 189



180, 209, 176



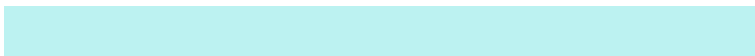
171, 205, 239

Complementary

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



242, 188, 189



188, 242, 241

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.



153, 210, 230



242, 188, 189



161, 212, 194

Square

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



242, 188, 189



203, 204, 165



149, 212, 213



196, 199, 238

Rectangle

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



242, 188, 189



228, 195, 165



149, 212, 213



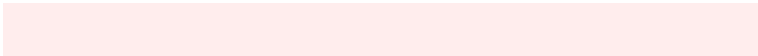
164, 207, 237

Sweetspot

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



242, 188, 189



255, 237, 237



240, 188, 242



128, 117, 117



0, 0, 0



128, 128, 128

Same Dimension

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



242, 188, 189



255, 186, 187



242, 213, 188



120, 108, 108



184, 0, 3



56, 0, 1

Inverse Universe

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



242, 188, 189



255, 186, 187



188, 217, 242



120, 108, 108



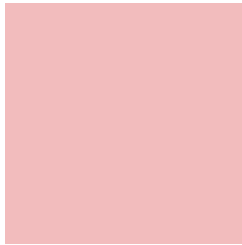
184, 0, 3



56, 0, 1

Previews

White Background



This preview shows how the RGB color 242, 188, 189 looks on a white background.

Color Contrast Check

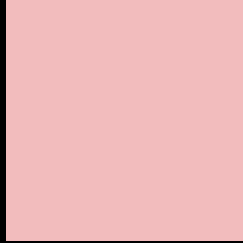
Large Text (above 18pt) WCAG AA × Fail

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, 188, 189 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, 188, 189 Background



This preview shows how black text looks on a background with the RGB color 242, 188, 189.



This preview shows how white text looks on a background with the RGB color 242, 188, 189.

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, 188, 189

Protanopia
206, 201, 196

Deuteranopia
226, 195, 188



Tritanopia
243, 186, 201

Trichromacy



Original Color

242, 188, 189

Protanomaly

219, 196, 193

Deuteranomaly

232, 192, 188

Tritanomaly

243, 187, 197

Monochromacy



Original Color

242, 188, 189

Achromatopsia

204, 204, 204

Achromatomaly

218, 198, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 188, 189 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, 188, 189) looks like.

```
.text, #text, p{  
    color:rgb(242, 188, 189)  
}
```

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, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 188, 189) }
```

Border

The CSS property to change the border of an element to RGB 242, 188, 189 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, 188, 189) }
```

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

```
.border{ border-color:rgb(242, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 188, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 188, 189);  
box-shadow:4px 4px 4px 4px rgb(242, 188,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 242, 188, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 188, 189) }
```

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

```
.background{ background-color: rgb(242,  
188, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor