

# Converting Colors

RGB(225, 153, 180)

Have a look what the booklet for  
RGB(225, 153, 180) contains.

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# **Color**

**RGB(225, 153, 180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E199B4
RGB	225, 153, 180
RGB Percent	88%, 60%, 71%
CMY	0.1176, 0.4000, 0.2941
CMYK	0.00, 0.32, 0.20, 0.12
HSL	338°, 55%, 74%
HSV	338°, 32%, 88%
XYZ	50.6808, 42.0853, 48.6321
YIQ	177.6060, 34.2450, 23.6610

# Conversions

## Conversions Part 2

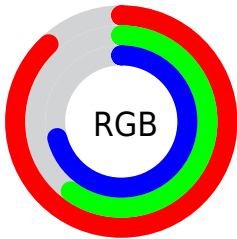
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 153, 180
Decimal	14784948
CIE Lab	70.93, 30.75, -3.00
CIE LCh	71, 30.900, 354.426
Yxy	42.0853, 0.3584, 0.2976
Android (android.graphics.Color)	4292975028 (0xFFE199B4)
YUV	177.6060, 1.1802, 41.5645
Hunter-Lab	64.8732, 25.9212, 0.9645

# Details

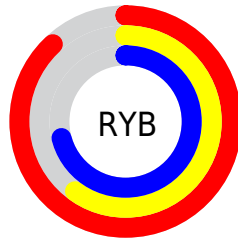
The RGB color **225, 153, 180** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **153, 225, 198**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 208, 236**, and **168, 101, 127** is the 20% darker color. If you saturate the color by 10%, you get **225, 131, 166**, and if you desaturate by 10%, it is **225, 176, 194**.

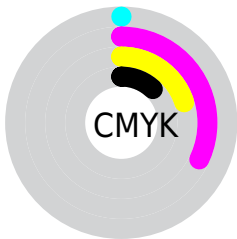
# Distribution



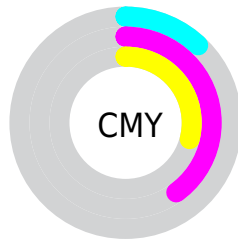
- Red (88%)
- Green (60%)
- Blue (71%)



- Red (88%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (12%)



- Cyan (12%)
- Magenta (40%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 225, 153, 180 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 225, 153, 180 by changing the saturation by 10% instead.



 225, 153, 180

 225, 153, 180


255, 255, 255


 196, 127, 153

 255, 208, 236

 168, 101, 127

 255, 237, 255

 141, 76, 102

 115, 52, 78

 89, 28, 56

 64, 3, 34

 43, 0, 12


 0, 0, 0

 225, 153, 180

 225, 153, 180

 225, 131, 166

 225, 176, 194

 225, 108, 152

 225, 198, 208

 225, 86, 138

 225, 220, 222

 225, 63, 124

 225, 243, 236

 225, 41, 110

 225, 255, 250

 225, 18, 96

 225, 255, 255

 225, 0, 84

# Harmonies

## Analogous

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



204, 159, 207



225, 153, 180



230, 154, 152

# Triad

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



225, 153, 180



169, 179, 122



92, 185, 218

# Complementary

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



225, 153, 180



153, 225, 198

# 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.



83, 189, 196



225, 153, 180



137, 185, 140

# Square

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



225, 153, 180



198, 170, 118



105, 189, 167



129, 178, 229

# Rectangle

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



225, 153, 180



224, 158, 135



105, 189, 167



85, 187, 212



# Sweetspot

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



225, 153, 180



255, 230, 239



197, 153, 225



128, 112, 118



0, 0, 0



128, 128, 128



# Same Dimension

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



225, 153, 180



255, 158, 194



225, 161, 153



112, 101, 105



176, 0, 66



48, 0, 18



# Inverse Universe

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



225, 153, 180



255, 158, 194



153, 217, 225



112, 101, 105



176, 0, 66



48, 0, 18



# Previews

## White Background



This preview shows how the RGB color 225, 153, 180 looks on a white background.

## Color Contrast Check

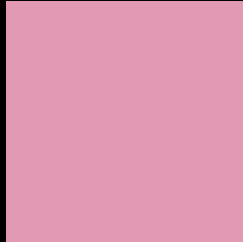
Large Text (above 18pt) WCAG AA × Fail

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 225, 153, 180 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 225, 153, 180 Background



This preview shows how black text looks on a background with the RGB color 225, 153, 180.

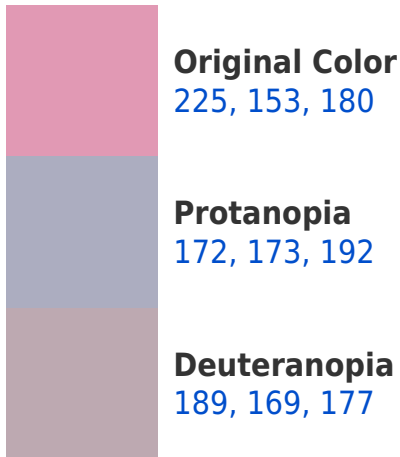



This preview shows how white text looks on a background with the RGB color 225, 153, 180.

# 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](#).

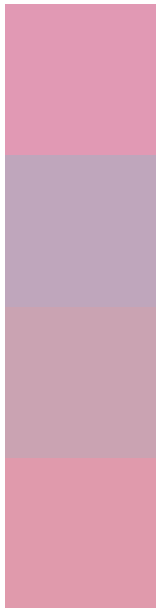
## Dichromacy





**Tritanopia**  
224, 155, 167

# Trichromacy



**Original Color**  
225, 153, 180

**Protanomaly**  
191, 166, 188

**Deuteranomaly**  
202, 163, 178

**Tritanomaly**  
224, 154, 172

# Monochromacy



**Original Color**  
225, 153, 180

**Achromatopsia**  
178, 178, 178

**Achromatomaly**  
195, 169, 179

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 225, 153, 180 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(225, 153, 180)` looks like.

```
.text, #text, p{  
    color:rgb(225, 153, 180)  
}
```

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(225, 153, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 153, 180) }
```

## Border

The CSS property to change the border of an element to RGB 225, 153, 180 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(225, 153, 180) }
```

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

```
.border{ border-color:rgb(225, 153, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 153, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 153, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 153, 180);  
box-shadow:4px 4px 4px 4px rgb(225, 153,  
180) }
```

# Background

The CSS property to change the background color of an element to RGB 225, 153, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 153, 180) }
```

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

```
.background{ background-color: rgb(225,  
153, 180) }
```

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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