

# Converting Colors

RGB(232, 160, 208)

Have a look what the booklet for  
RGB(232, 160, 208) contains.

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# **Color**

**RGB(232, 160, 208)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8A0D0
RGB	232, 160, 208
RGB Percent	91%, 63%, 82%
CMY	0.0902, 0.3725, 0.1843
CMYK	0.00, 0.31, 0.10, 0.09
HSL	320°, 61%, 77%
HSV	320°, 31%, 91%
XYZ	57.2347, 46.8515, 65.7012
YIQ	187.0000, 27.5040, 30.1920

# Conversions

## Conversions Part 2

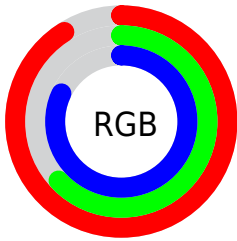
Format	Color
R <sub>Y</sub> B	232, 160, 208
Decimal	15245520
CIE Lab	74.09, 33.89, -13.67
CIE LCh	74, 36.539, 338.030
Yxy	46.8515, 0.3371, 0.2759
Android (android.graphics.Color)	4293435600 (0xFFE8A0D0)
YUV	187.0000, 10.3530, 39.4650
Hunter-Lab	68.4481, 29.4731, -8.9968

# Details

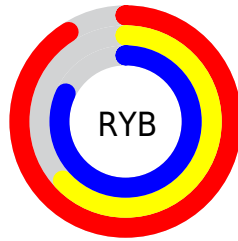
The RGB color **232, 160, 208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **160, 232, 184**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 215, 255**, and **175, 107, 154** is the 20% darker color. If you saturate the color by 10%, you get **232, 137, 200**, and if you desaturate by 10%, it is **232, 183, 216**.

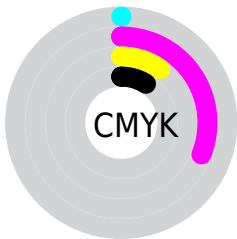
# Distribution



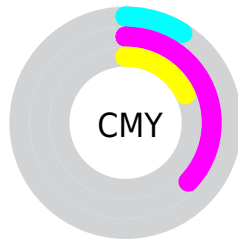
- Red (91%)
- Green (63%)
- Blue (82%)



- Red (91%)
- Yellow (63%)
- Blue (82%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (9%)




- Cyan (9%)
- Magenta (37%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 232, 160, 208 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 232, 160, 208 by changing the saturation by 10% instead.



 232, 160, 208

 232, 160, 208


255, 255, 255


 203, 133, 180

 255, 215, 255

 175, 107, 154

 255, 244, 255

 148, 82, 128

 121, 58, 102

 95, 33, 78


 70, 7, 55


 47, 0, 34


 17, 0, 9


 0, 0, 0

 232, 160, 208

 232, 160, 208

 232, 137, 200

 232, 183, 216

 232, 114, 193

 232, 206, 223

 232, 90, 185

 232, 230, 231

 232, 67, 177

 232, 253, 239

 232, 44, 169

 232, 255, 247

 232, 21, 162

 232, 255, 254

 232, 0, 155

 232, 255, 255

# Harmonies

## Analogous

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



198, 170, 235



232, 160, 208



248, 156, 174

# Triad

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



232, 160, 208



196, 183, 115



59, 199, 222

# Complementary

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



232, 160, 208



160, 232, 184

# 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.



78, 200, 190



232, 160, 208



159, 192, 128

# Square

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



232, 160, 208



226, 172, 121



119, 198, 156



96, 192, 244

# Rectangle

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



232, 160, 208



247, 159, 152



119, 198, 156



59, 200, 213



# Sweetspot

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



232, 160, 208



255, 232, 247



184, 160, 232



128, 113, 123



0, 0, 0



128, 128, 128



# Same Dimension

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



232, 160, 208



255, 161, 224



232, 160, 172



115, 103, 111



179, 0, 119



51, 0, 34



# Inverse Universe

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



232, 160, 208



255, 161, 224



160, 232, 220



115, 103, 111



179, 0, 119

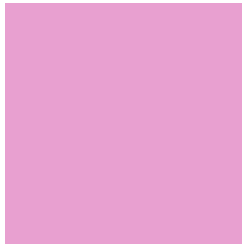


51, 0, 34



# Previews

## White Background



This preview shows how the RGB color 232, 160, 208 looks on a white background.

## Color Contrast Check

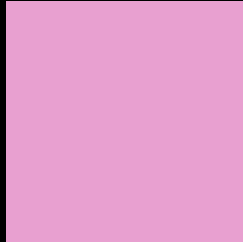
Large Text (above 18pt) WCAG AA × Fail

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 232, 160, 208 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 232, 160, 208 Background



This preview shows how black text looks on a background with the RGB color 232, 160, 208.

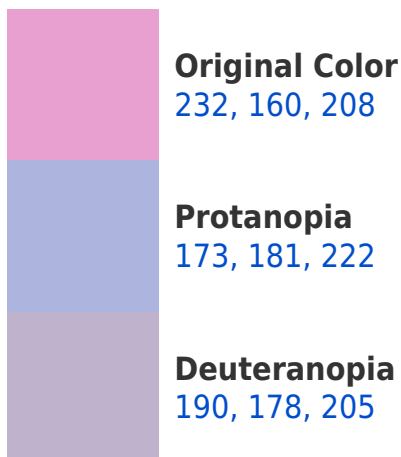


This preview shows how white text looks on a background with the RGB color 232, 160, 208.

# 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**  
228, 165, 178

# Trichromacy



**Original Color**

232, 160, 208



**Protanomaly**

194, 173, 217



**Deuteranomaly**

205, 171, 206



**Tritanomaly**

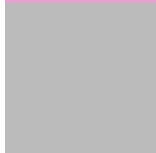
229, 163, 189

# Monochromacy



**Original Color**

232, 160, 208



**Achromatopsia**

187, 187, 187



**Achromatomaly**

203, 177, 195

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 232, 160, 208 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(232, 160, 208)` looks like.

```
.text, #text, p{  
    color:rgb(232, 160, 208)  
}
```

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(232, 160, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 160, 208) }
```

## Border

The CSS property to change the border of an element to RGB 232, 160, 208 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(232, 160, 208) }
```

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

```
.border{ border-color:rgb(232, 160, 208) }
```

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

Here you see how a box with a 4 pixel rgb(232, 160, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 160, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 160, 208);  
box-shadow:4px 4px 4px 4px rgb(232, 160,  
208) }
```

# Background

The CSS property to change the background color of an element to RGB 232, 160, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 160, 208) }
```

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

```
.background{ background-color: rgb(232,  
160, 208) }
```

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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