

Converting Colors

RGB(238, 104, 112)

Have a look what the booklet for
RGB(238, 104, 112) contains.

RGB(238, 104, 112)	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(238, 104, 112)

Conversions

Conversions Part 1

Format	Color
Hex	EE6870
RGB	238, 104, 112
RGB Percent	93%, 41%, 44%
CMY	0.0667, 0.5922, 0.5608
CMYK	0.00, 0.56, 0.53, 0.07
HSL	356°, 80%, 67%
HSV	356°, 56%, 93%
XYZ	43.1348, 29.2476, 18.7011
YIQ	144.9780, 77.2960, 30.8960

Conversions

Conversions Part 2

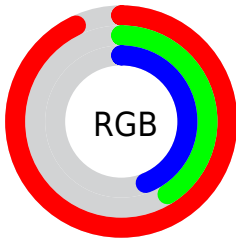
Format	Color
R _Y B	238, 104, 112
Decimal	15624304
CIE Lab	61.00, 52.34, 21.58
CIE LCh	61, 56.619, 22.410
Yxy	29.2476, 0.4736, 0.3211
Android (android.graphics.Color)	4293814384 (0xFFEE6870)
YUV	144.9780, -16.2582, 81.5803
Hunter-Lab	54.0811, 47.7290, 17.3544

Details

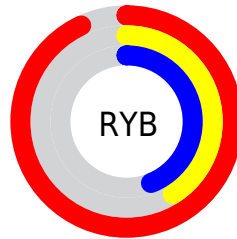
The RGB color **238, 104, 112** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **104, 238, 230**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 159, 164**, and **177, 48, 64** is the 20% darker color. If you saturate the color by 10%, you get **238, 80, 90**, and if you desaturate by 10%, it is **238, 128, 134**.

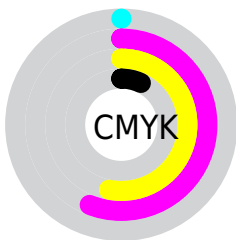
Distribution



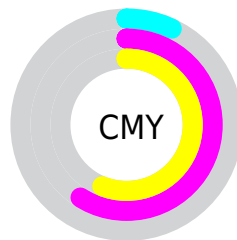
- Red (93%)
- Green (41%)
- Blue (44%)



- Red (93%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (56%)
- Yellow (53%)
- Black (7%)



- Cyan (7%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 104, 112 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 238, 104, 112 by changing the saturation by 10% instead.

 238, 104, 112

 238, 104, 112

255, 255, 255

 207, 77, 88

 255, 159, 164

 177, 48, 64

 255, 187, 191


 147, 13, 43

 255, 216, 218

 117, 0, 22

 255, 245, 247

 89, 0, 0

 61, 0, 2

 27, 0, 1

 0, 0, 0


 238, 104, 112

 238, 104, 112

 238, 80, 90

 238, 128, 134

 238, 56, 67

 238, 152, 157

 238, 33, 45

 238, 175, 179

 238, 9, 22

 238, 199, 202

 238, 0, 14

 238, 223, 224

 238, 247, 246

 238, 255, 255

Harmonies

Analogous

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



231, 102, 162



238, 104, 112



220, 121, 69

Triad

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



238, 104, 112



74, 166, 83



0, 157, 246

Complementary

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



238, 104, 112



104, 238, 230

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.



0, 167, 226



238, 104, 112



0, 171, 132

Square

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



238, 104, 112



137, 156, 46



0, 171, 184



126, 139, 240

Rectangle

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



238, 104, 112



198, 134, 47



0, 171, 184



0, 161, 242

Sweetspot

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



238, 104, 112



255, 212, 214



229, 104, 238



128, 102, 104



0, 0, 0



128, 128, 128

Same Dimension

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



238, 104, 112



255, 82, 92



238, 162, 104



120, 108, 109



184, 0, 11



56, 0, 3

Inverse Universe

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



238, 104, 112



255, 82, 92



104, 180, 238



120, 108, 109



184, 0, 11



56, 0, 3

Previews

White Background



This preview shows how the RGB color 238, 104, 112 looks on a white background.

Color Contrast Check

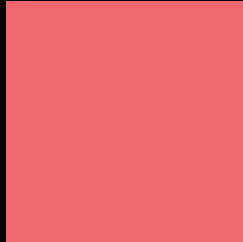
Large Text (above 18pt) WCAG AA ✓ Pass

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 238, 104, 112 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 238, 104, 112 Background



This preview shows how black text looks on a background with the RGB color 238, 104, 112.

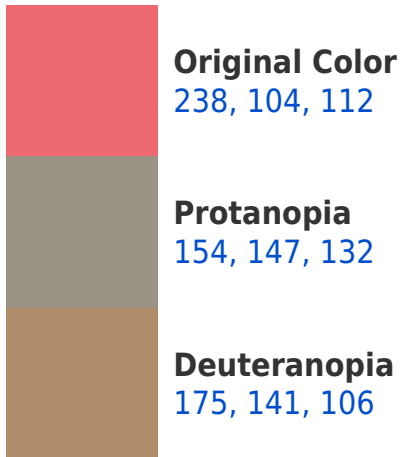


This preview shows how white text looks on a background with the RGB color 238, 104, 112.

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
238, 104, 111

Trichromacy



Original Color
238, 104, 112

Protanomaly
185, 131, 125

Deuteranomaly
198, 128, 108

Tritanomaly
238, 104, 111

Monochromacy



Original Color
238, 104, 112

Achromatopsia
145, 145, 145

Achromatomaly
179, 130, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 104, 112 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(238, 104, 112) looks like.

```
.text, #text, p{  
    color:rgb(238, 104, 112)  
}
```

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(238, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 104, 112) }
```

Border

The CSS property to change the border of an element to RGB 238, 104, 112 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(238, 104, 112) }
```

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

```
.border{ border-color:rgb(238, 104, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 104, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(238, 104,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 238, 104, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 104, 112) }
```

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

```
.background{ background-color: rgb(238,  
104, 112) }
```

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