

Converting Colors

RGB(233, 112, 172)

Have a look what the booklet for
RGB(233, 112, 172) contains.

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Color

RGB(233, 112, 172)

Conversions

Conversions Part 1	
Format	Color
Hex	E970AC
RGB	233, 112, 172
RGB Percent	91%, 44%, 67%
CMY	0.0863, 0.5608, 0.3255
CMYK	0.00, 0.52, 0.26, 0.09
HSL	330°, 73%, 68%
HSV	330°, 52%, 91%
XYZ	46.8448, 31.8905, 42.7162
YIQ	155.0190, 52.8560, 44.3120

Conversions

Conversions Part 2

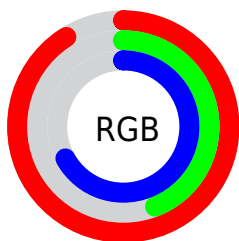
Format	Color
RYB	233, 112, 172
Decimal	15298732
CIELab	63.25, 53.35, -9.77
CIELCh	63, 54.234, 349.623
Yxy	31.8905, 0.3857, 0.2626
Android (android.graphics.Color)	4293488812 (0xFFE970AC)
YUV	155.0190, 8.3716, 68.3893
Hunter-Lab	56.4717, 49.2452, -5.3178

Details

The RGB color **233, 112, 172** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **112, 233, 173**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 167, 227**, and **174, 57, 120** is the 20% darker color. If you saturate the color by 10%, you get **233, 89, 160**, and if you desaturate by 10%, it is **233, 135, 184**.

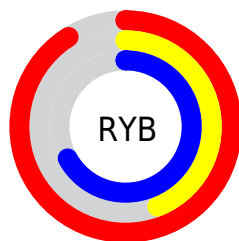
Distribution



Red (91%)

Green (44%)

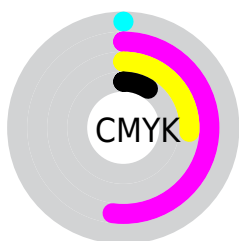
Blue (67%)



Red (91%)

Yellow (44%)

Blue (67%)

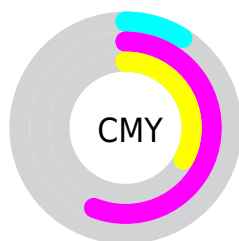


Cyan (0%)

Magenta (52%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 112, 172 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 233, 112, 172 by changing the saturation by 10% instead.

 233, 112, 172

255, 255, 255

 255, 167, 227

 255, 196, 255

 255, 224, 255

255, 254, 255

 233, 112, 172

 203, 85, 145

 174, 57, 120

 146, 26, 95

 118, 0, 71

 90, 0, 49


 64, 0, 28

 38, 0, 1


 0, 0, 0

 233, 112, 172

 233, 112, 172


 233, 89, 160


 233, 135, 184

 233, 65, 149

 233, 159, 195

 233, 42, 137

 233, 182, 207

 233, 19, 125

 233, 205, 219

 233, 0, 116

 233, 229, 231

 233, 252, 242

 233, 255, 254

 233, 255, 255

Harmonies

Analogous

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



196, 127, 216



233, 112, 172



242, 112, 123

Triad

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



233, 112, 172



149, 160, 56



0, 173, 226

Complementary

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



233, 112, 172



112, 233, 173

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, 177, 184



233, 112, 172



92, 171, 88

Square

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



233, 112, 172



194, 145, 54



0, 176, 134



0, 163, 248

Rectangle

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



233, 112, 172



234, 120, 94



0, 176, 134



0, 175, 213

Sweetspot

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



233, 112, 172



255, 214, 234



172, 112, 233



128, 103, 115



0, 0, 0



128, 128, 128

Same Dimension

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



233, 112, 172



255, 97, 175



233, 112, 112



117, 106, 111



181, 0, 90



54, 0, 27

Inverse Universe

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



233, 112, 172



255, 97, 175



112, 233, 233



117, 106, 111



181, 0, 90



54, 0, 27

Previews

White Background



This preview shows how the RGB color 233, 112, 172 looks on a white background.

Color Contrast Check

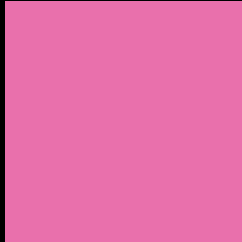
Large Text (above 18pt) WCAG AA × Fail

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 233, 112, 172 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 233, 112, 172 Background



This preview shows how black text looks on a background with the RGB color 233, 112, 172.



This preview shows how white text looks on a background with the RGB color 233, 112, 172.

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


233, 112, 172

Protanopia

141, 152, 199

Deuteranopia

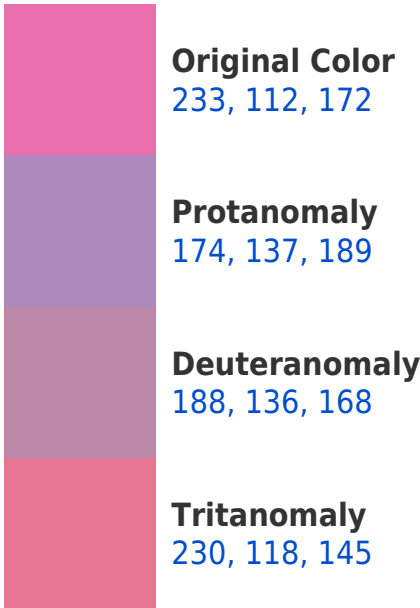
163, 149, 166



Tritanopia

229, 121, 129

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 112, 172 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(233, 112, 172)` looks like.

```
.text, #text, p{  
    color:rgb(233, 112, 172)  
}
```

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(233, 112, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 112, 172) }
```

Border

The CSS property to change the border of an element to RGB 233, 112, 172 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(233, 112, 172) }
```

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

```
.border{ border-color:rgb(233, 112, 172) }
```

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

Here you see how a box with a 4 pixel rgb(233, 112, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 112, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 112, 172);  
box-shadow:4px 4px 4px 4px rgb(233, 112,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 233, 112, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 112, 172) }
```

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

```
.background{ background-color: rgb(233,  
112, 172) }
```

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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