

Converting Colors

RGB(230, 78, 123)

Have a look what the booklet for
RGB(230, 78, 123) contains.

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Color

RGB(230, 78, 123)

Conversions

Conversions Part 1

Format	Color
Hex	E64E7B
RGB	230, 78, 123
RGB Percent	90%, 31%, 48%
CMY	0.0980, 0.6941, 0.5176
CMYK	0.00, 0.66, 0.47, 0.10
HSL	342°, 75%, 60%
HSV	342°, 66%, 90%
XYZ	38.9327, 23.7018, 21.2618
YIQ	128.5780, 76.1470, 46.2190

Conversions

Conversions Part 2

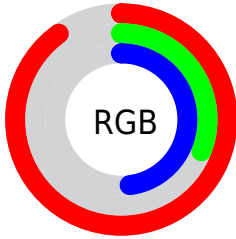
Format	Color
R_{YB}	230, 78, 123
Decimal	15093371
CIE _{Lab}	55.79, 61.90, 7.74
CIE _{LCh}	56, 62.383, 7.128
Yxy	23.7018, 0.4641, 0.2825
Android (android.graphics.Color)	4293283451 (0xFFE64E7B)
YUV	128.5780, -2.7500, 88.9471
Hunter-Lab	48.6845, 57.5472, 8.1857

Details

The RGB color **230, 78, 123** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **78, 230, 185**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 135, 175**, and **169, 0, 75** is the 20% darker color. If you saturate the color by 10%, you get **230, 55, 107**, and if you desaturate by 10%, it is **230, 101, 139**.

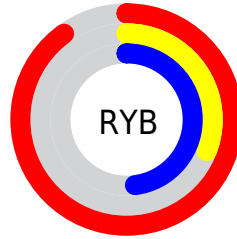
Distribution



Red (90%)

Green (31%)

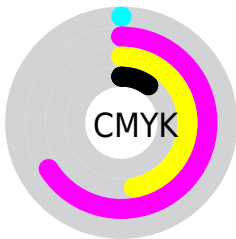
Blue (48%)



Red (90%)

Yellow (31%)

Blue (48%)

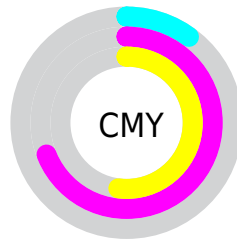


Cyan (0%)

Magenta (66%)

Yellow (47%)

Black (10%)



Cyan (10%)

Magenta (69%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 78, 123 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 230, 78, 123 by changing the saturation by 10% instead.



230, 78, 123



230, 78, 123

255, 255, 255



199, 47, 98



255, 135, 175



169, 0, 75



255, 164, 203



139, 0, 52



255, 192, 231



110, 0, 32



255, 222, 255



81, 0, 6



255, 251, 255



53, 0, 2



2, 0, 0



0, 0, 0



230, 78, 123



230, 78, 123

■ 230, 55, 107

■ 230, 101, 139

■ 230, 32, 91

■ 230, 124, 155

■ 230, 9, 74

■ 230, 147, 172

■ 230, 0, 68

■ 230, 170, 188

■ 230, 193, 204

■ 230, 216, 220

■ 230, 239, 236

■ 230, 255, 253

■ 230, 255, 255

Harmonies

Analogous

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



208, 89, 177



230, 78, 123



222, 92, 71

Triad

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



230, 78, 123



90, 149, 37



0, 151, 233

Complementary

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



230, 78, 123



78, 230, 185

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, 157, 198



230, 78, 123



0, 156, 89

Square

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



230, 78, 123



148, 135, 0



0, 159, 146



0, 136, 242

Rectangle

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



230, 78, 123



205, 108, 40



0, 159, 146



0, 154, 224

Sweetspot

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



230, 78, 123



255, 204, 219



184, 78, 230



128, 97, 106



0, 0, 0



128, 128, 128

Same Dimension

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



230, 78, 123



255, 54, 113



230, 108, 78



115, 103, 107



179, 0, 53



51, 0, 15

Inverse Universe

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



230, 78, 123



255, 54, 113



78, 200, 230



115, 103, 107



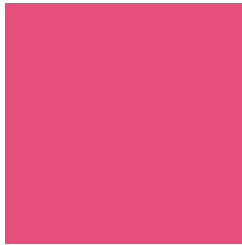
179, 0, 53



51, 0, 15

Previews

White Background



This preview shows how the RGB color 230, 78, 123 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 230, 78, 123 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 230, 78, 123 Background



This preview shows how black text looks on a background with the RGB color 230, 78, 123.



This preview shows how white text looks on a background with the RGB color 230, 78, 123.

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
230, 78, 123

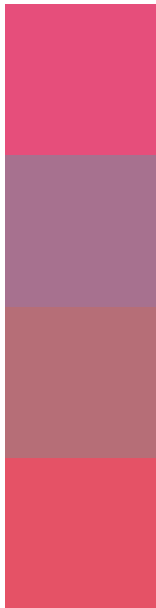
Protanopia
131, 133, 154

Deuteranopia
154, 129, 116



Tritanopia
228, 85, 90

Trichromacy



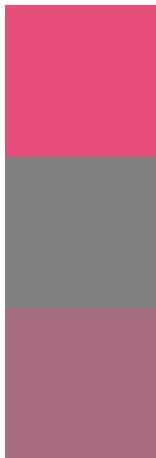
Original Color
230, 78, 123

Protanomaly
167, 113, 143

Deuteranomaly
182, 110, 119

Tritanomaly
229, 82, 102

Monochromacy



Original Color
230, 78, 123

Achromatopsia
129, 129, 129

Achromatomaly
166, 110, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 78, 123 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(230, 78, 123) looks like.

```
.text, #text, p{  
    color:rgb(230, 78, 123)  
}
```

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(230, 78, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 78, 123) }
```

Border

The CSS property to change the border of an element to RGB 230, 78, 123 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(230, 78, 123) }
```

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

```
.border{ border-color:rgb(230, 78, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 78, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 78, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 78, 123);  
box-shadow:4px 4px 4px 4px rgb(230, 78,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 230, 78, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 78, 123) }
```

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

```
.background{ background-color: rgb(230, 78,  
123) }
```

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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